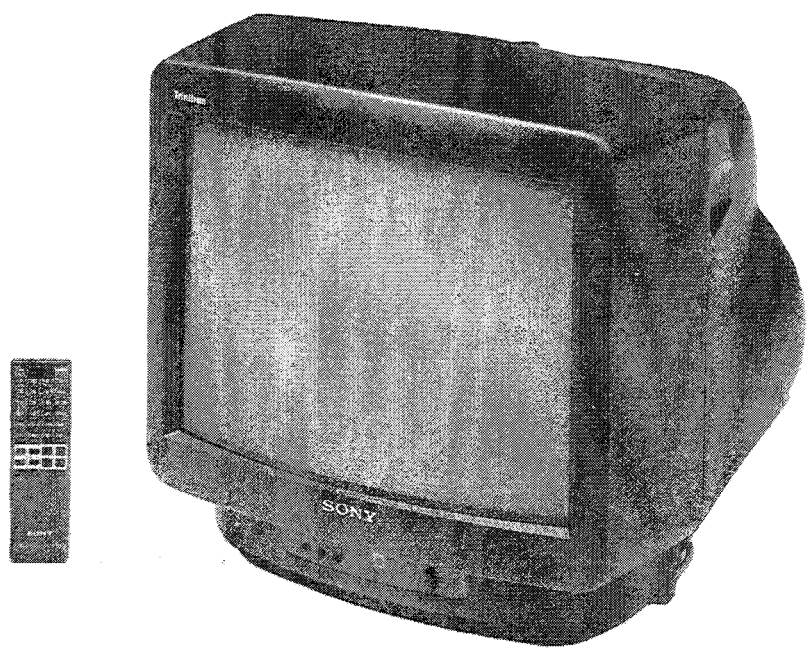
SERVICE MANUAL

BE-2A CHASSIS

MODEL	COMMANDER	DEST.	CHASSIS NO.
KV-M1400K	RM-841	OIRT	SCC-E50G-A
KV-M1401K	RM-841	OIRT	SCC-E50F-A
KV-M1400A	RM-841	Italian	SCC-D78J-A
KV-M1400B	RM-841	French	SCC-E24G-A
KV-M1400D	RM-841	AEP	SCC-D85N-A
KV-M1401D	RM-841	AEP	SCC-D85M-A
KV-M1400E	RM-841	Spanish	SCC-D87N-A
KV-M1400U	RM-841	UK	SCC-D86Q-A
KV-M1401U	RM-841	UK	SCC-D86P-A
KV-M1400L	RM-841	Irish	SCC-D88H-A



MICROFILM

TRINITRON® COLOR TV

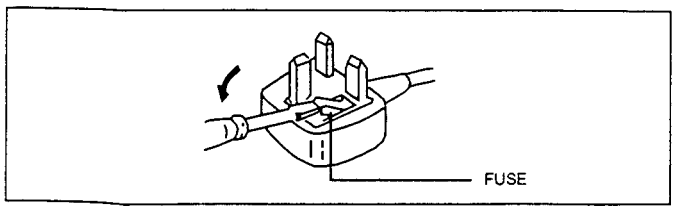
SONY®

TABLE OF CONTENTS

Section	Title	Page
1. GENERAL		
1-1.	21 Pin Connector	4
1-2.	Switching On/Off	5
1-3.	Presetting	5
1-4.	TV Operation	6
1-5.	Teletext Operation	7
1-6.	Optional Connections/Operations	8
1-7.	Additional Information	8
1-8.	Troubleshooting	9
2. DISASSEMBLY		
2-1.	Rear Cover Removal	11
2-2.	V Board Removal	11
2-3.	Service Position	11
2-4.	Picture Tube Removal	12
3. SET-UP ADJUSTMENTS		
3-1.	Beam Landing	13
3-2.	Convergence	14
3-3.	Focus	15
3-4.	Screen (G2) and White Balance	16
4. CIRCUIT ADJUSTMENTS		
4-1.	A Board Adjustment. M1400D - M1401D - M1400B	17
4-2.	A Board Adjustment. M1400K - M1401K	18
4-3.	A Board Adjustment. M1400U - M1401U - M1400L M1400A - M1400E	19
4-4.	V Board Adjustment	19
5. DIAGRAMS		
5-1.	Circuit Board Location	20
5-3.	**Diagrams and Printed Wiring Boards.**	
	A Board Printed Wiring	21
	A Board Schematic Diagram M1400B	23
	M1400U - M1401U - M1400L - M1400A M1400E	27
	M1400K - M1401K - M1400D - M1401D	31
	V Board Schematic Diagram	35
	V Board Printed Wiring	35
	C Board Schematic Diagram	37
	C Board Printed Wiring	37
	A1 Board Schematic Diagram	38
	A1 Board Printed Wiring	38
	J1 Board Printed Wiring	38
	Tuner Unit Schematic Diagram M1400A	39
5-4.	Semiconductors	40
6. EXPLODED VIEWS		
6-1	Chassis and Picture Tube	42
7. ELECTRICAL PARTS LIST		
	KV-M1400K, KV-M1401K KV-M1400D, KV-M1401D	44
	KV-M1400B	51
	KV-M1400A, KV-M1400E KV-M1400L, KV-M1400U KV-M1401U	58

WARNING (UK MODELS ONLY)

The flexible mains lead is supplied connected to a **B.S. 1363** fused plug having a fuse of **5 AMP** capacity. Should the fuse need to be replaced, use a **5 AMP FUSE** approved by **ASTA** to **BS 1362**, ie one that carries the ASTA mark.
IF THE PLUG SUPPLIED WITH THIS APPLIANCE IS NOT SUITABLE FOR YOUR SOCKET OUTLETS IN YOUR HOME. IT SHOULD BE CUT OFF AND AN APPROPRIATE PLUG FITTED. THE PLUG SEVERED FROM THE MAINS LEAD MUST BE DESTROYED AS A PLUG WITH BARED WIRES IS DANGEROUS IF ENGAGED IN A LIVE SOCKET OUTLET.
When an alternative type of plug is used it should be fitted with a **5 AMP FUSE**, otherwise the circuit should be protected by a **5 AMP FUSE** at the distribution board.



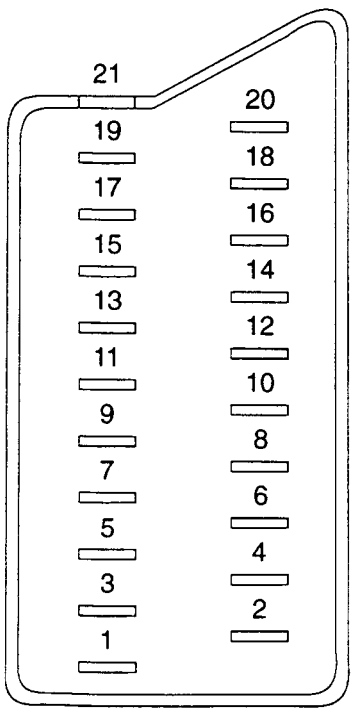
CAUTION

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVAL OF THE ANODE CAP.

SAFETY RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARKED WITH ⚠ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

1-1. 21 PIN CONNECTOR



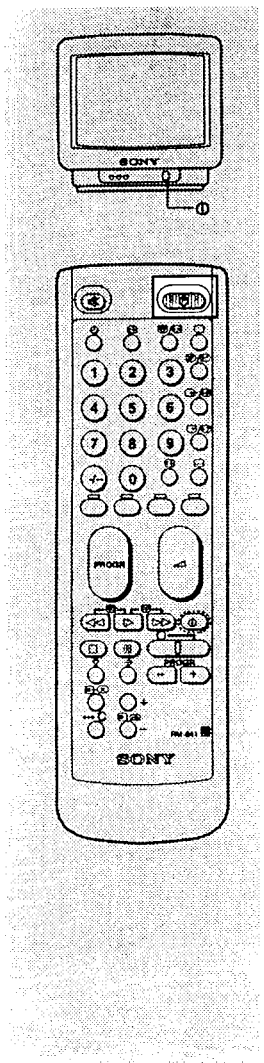
21 pin connector (1 ⊖)

Pin No		Signal	Signal level
1	○	Audio output B (right)	Standard level: 0.5Vrms Output impedance:less than 1kohm*
2	○	Audio input B (right)	Standard level:0.5Vrms Input impedance:More than 10kohms*
3	○	Audio output A (left)	Standard level:0.5Vrms Output impedance:less than 1kohm*
4	○	Ground (audio)	
5	○	Ground (blue)	
6	○	Audio input A (left)	Standard level:0.5Vrms Input impedance:More than 10kohms*
7	○	Blue input	0.7V±3dB, 75ohms, positive
8	○	Function select (AV control)	High state (9.5—12V):Part mode Low state (0—2V):TV mode Input impedance:More than 10kohms Input capacitance:Less than 2nF
9	○	Ground (green)	
10	○	Open	
11	○	Green	Green signal:0.7V±3dB. 75ohms, positive
12	○	Open	
13	○	Ground(red)	
14	●	Ground (blanking)	
15	○	Red input	0.7V±3dB, 75ohms, positive
	—	(S signal) croma input	0.3V±3dB, 75ohms, positive
16	○	Blanking input (Ys signal)	High state (1—3V) Low state (0—0.4V) Input impedance:75ohms
17	○	Ground (video output)	
18	○	Ground (video input)	
19	○	Video output	1V±3dB, 75ohms, positive Sync:0.3V(–3, +10dB)
20	○	Video input	1V±3dB, 75ohms, positive Sync:0.3V(–3, +10dB)
	—	Video Input/Y (S signal)	1V±3dB, 75ohms, positive Sync:0.3V(–3, +10dB)
21	○	Common ground (plug, shield)	

○ connected ● unconnected (open) * At 20 Hz—20kHz

Instructions shown here are partial excerpts from the Instruction Manual.
The pages of the Instruction Manual are included here in their original state.

1-2. Switching on/off



After you have completed the basic preparation your TV is ready to be connected to the mains power supply (220/240V AC, 50Hz).

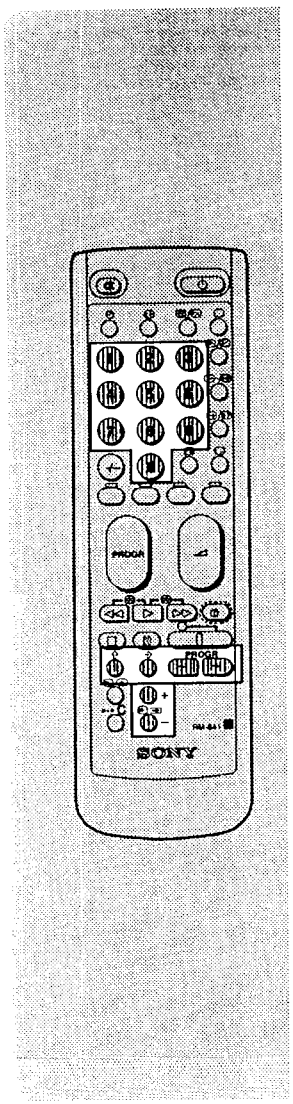
How to turn the TV on

Action	Result
Press ⏻ on the TV.	The TV will turn on. **Note:** If the screen remains blank, the TV may be in the standby mode. Press ▢ on the commander to switch it on.

How to turn the TV off

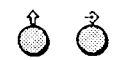
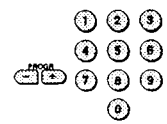
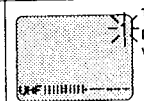
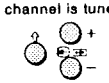
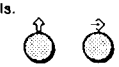
A Temporarily	
Press ◊ to enter standby mode.	The TV will be in standby. To return to the TV mode press ▢
B Completely	
Press ⏻ on the TV.	The TV will turn off.

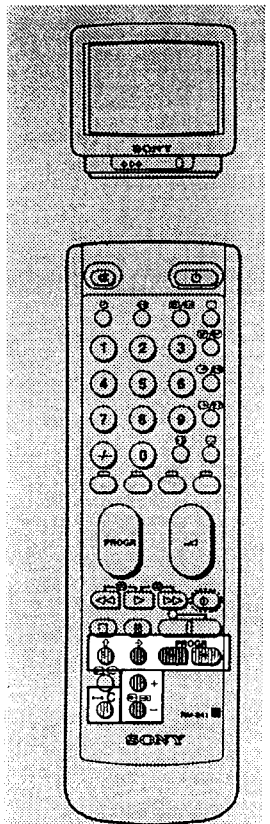
1-3. Presetting of channels



After having installed the TV, you now need to preset TV channels. Up to 60 programme positions are at your disposal. For channel presetting use the buttons with the red symbols on the Remote Commander.

Automatic presetting of channels

Action	Result
1 Press both the ◊ SHIFT button and the ⇳ PRESET button simultaneously. 	You are now in the preset mode. The programme number flashes.
2 Press either the number buttons or PROGR +/- to select the programme number on which you want to preset the channel.  **Note:** in case of two digit numbers, first press -/--, then the two numbers.	The selected programme number will be indicated. 
3 Press both the ◊ SHIFT button and the ⊞ + or - button repeatedly, until the desired channel is tuned in. 	The scale with the frequency band changes.
4 Repeat steps 3 and 4 for all other channels.	
5 Press both the ◊ SHIFT and the ⇳ PRESET buttons simultaneously to store the channels. 	All channels are now stored. The programme number stops flashing.



How to skip programme positions

Since you have 60 programmes at your disposal, you may want to skip vacant programme positions, that means that they are skipped when you press the PROGR +/- buttons.

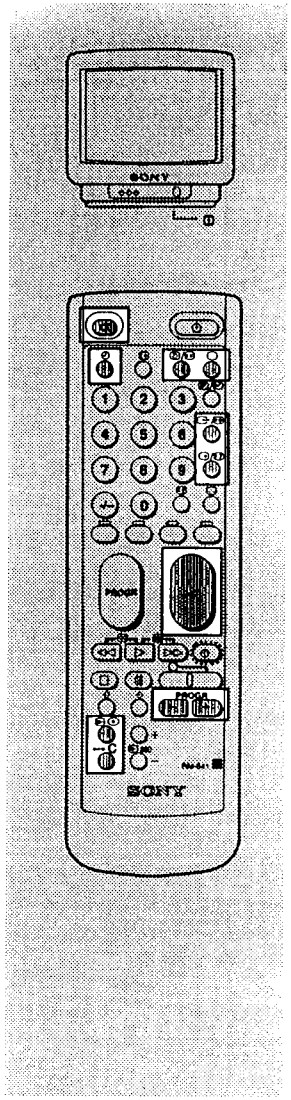
Action	Result
1 Press both the ◊ SHIFT button and the ⇳ PRESET button simultaneously.	You are now in preset mode, the programme position flashes.
2 Use PROGR + or - to select the programme position you want to skip.	The selected programme position appears.
3 Press both the ◊ SHIFT button and the button C simultaneously.	
4 Press both the ◊ SHIFT button and the ⇳ PRESET button simultaneously.	The programme position is now skipped. You are back in TV mode.

How to fine tune a channel manually

If the reception of a stored channel is not satisfactory, you can fine tune the channel manually.

Action	Result
Press both the ◊ SHIFT button and the ⇔ + or - button simultaneously until the reception is good.	The channel is now fine tuned.

Note: By pressing the respective programme number the automatic fine tuning will be restored.



This section shows you how to use the convenient features available for operating the TV.

How to select programmes

Action	Result
Press PROGR +/- or the respective number button on the Remote Commander. In case of two digit numbers first press –/-- and then the two respective number buttons.	The selected programme is displayed.
On the set: Press the + or – button for programme selection.	

How to adjust the volume

Action	Result
Press ◿ + or –.	The ◿ symbol and the level indicator are displayed on the screen. The volume is adjusted accordingly.
Muting of the sound	
Press button 🔇	The sound is switched off. Press the button again to restore the sound.
On the set: Press button ⇔ repeatedly in order to select the desired item, then adjust with the + or – button.	

How to adjust the picture

Action	Result
1 Press button ⇔ repeatedly, until the desired item is displayed (◑ contrast, ◕ colour intensity, ☼ brightness).	The symbol and the respective bar display are displayed.
2 Press button + or –.	The selected picture item is adjusted accordingly.
Press button ⇔ repeatedly in order to select the desired item, then adjust with the + or – button.	

To return to factory-set levels
Press the →• •← button.

Other functions

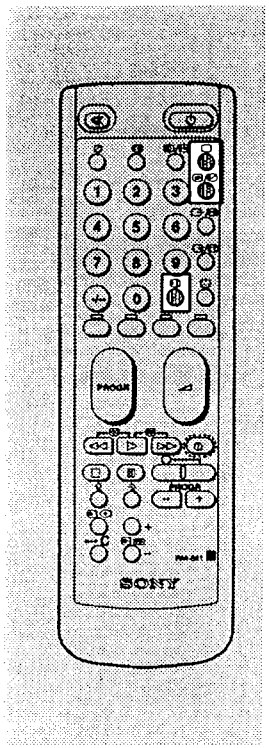
On-screen display
Press the ⓘ button to display the programme number on the screen and press the button a second time to make it disappear.

Selecting the signal of a connected device
Press the ⇥ button to receive the signal of the device (e.g. a VTR) connected at the 21-pin connector (rear of the set). Press the ▢ button to return to the TV mode (see also page 27).

Time function
Press ⓣ to request the time. Press again to cancel the request (only if teletext is broadcast).

Sleep Timer
Press the ⏲ button repeatedly until the required time period is displayed on the screen (30, 60, 90 minutes or 0 for cancelling the request). In this way you can select the time period after which the set switches itself automatically into standby-mode.

1-5. Teletext Operation



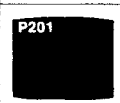
TV stations broadcast teletext programmes via the TV channels. To receive teletext programmes, use the buttons indicated in green on the Remote Commander.

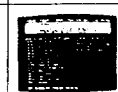
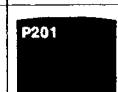
How to view the teletext

Action	Result
1 Select the channel which carries the teletext service you wish to view.	The channel changes on the screen.
2 Press ▣/▣.	The teletext service appears.
3 Input three digits for the page number using the number buttons. **Note** If you make a mistake, type in any three digits, then re-enter the correct page number.	The numbers are entered on the screen. The requested page will appear in a few seconds.
To return to the TV mode: Press ▢. **To change the teletext channels:** First press ▢ to return to TV mode, then repeat steps 1 to 3.	

Note
If the signal of the TV channel is weak, teletext errors may often occur.
The ▢ button has no function on this set.

How to use the Advanced Features of Teletext

How	Action	Result (on-screen display)
Request the index page.	Press ⓘ (INDEX).	The index page appears.
Access the next or preceding page.	Press ⊕ (PAGE +) or ⊖ (PAGE –).	 The next or preceding page appears.

How to	Action	Result
Superimpose the teletext display on the TV programme.	Press ▣/▣ once if you are in text mode, or press ▣/▣ twice if in TV mode. To return to the normal teletext display press ▣/▣ again.	The teletext displays are superimposed on the TV programmes.
Prevent a teletext page from being updated or changed.	Press ⊟ (HOLD). To resume normal teletext reception, press ▣/▣ (TEXT/MIX).	The HOLD symbol ⊟ appears on the screen and the chosen sub-page is held until you cancel.
Enlarge the teletext display.	Press ⊡ once to enlarge the upper half. Press twice to enlarge the lower half. Press again to restore the normal display.	The upper half is enlarged.
Reveal concealed information (e.g. answers to a quiz).	Press ⓡ (REVEAL). Press again to conceal the information.	 The information is revealed.
Watch the TV programme while waiting for a requested page to be displayed.	1. Request a new page.	The numbers are entered.
	2. Press ⊠ (TEXT CL).	The TV programme is displayed, and the requested page number and other teletext data appear at the top of the screen.
	3. When the requested page has been captured, the page number remains and the other data disappears.	
	4. Press ⊡ to view this page	The requested page is displayed.

Some of the features may not be available depending on the Teletext service.

How to use the FASTEXT Feature

FASTEXT feature allows you to access pages quickly with one key operation.
When a FASTEXT page is broadcast, a colour coded menu appears at the bottom of the screen. Each coloured prompt corresponds to the four coloured buttons of your Remote Commander.

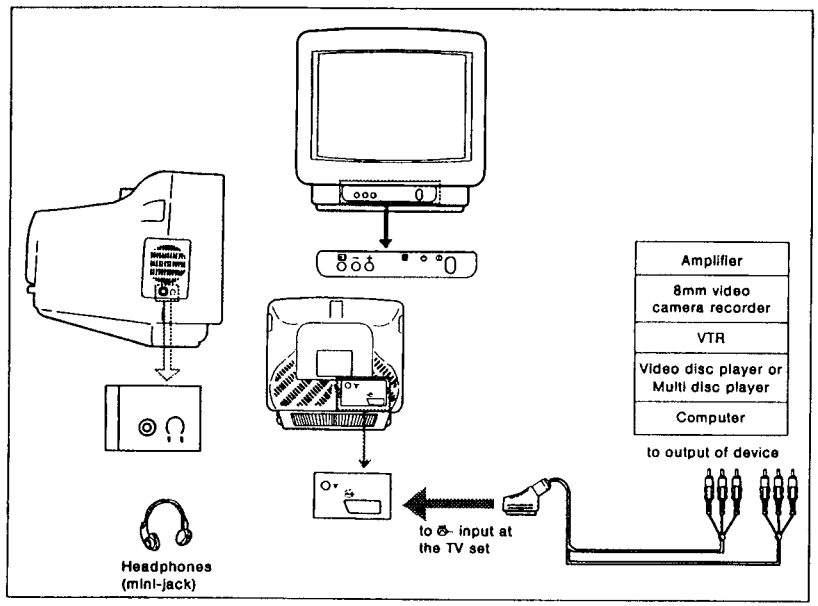
Operation

Action	Result
Press one of the coloured buttons which corresponds to the coloured prompt on the teletext.	The selected teletext page appears.

Note
Correct FASTEXT operation depends on the necessary signals sent from the TV station.
Some TV stations may not send signals for the FASTEXT.

1-6. Optional connections/operations

How to connect additional Audio/video equipment



How to view the Video input signal

Press button ⊖ repeatedly in order to select the desired input mode (⊖ for Audio/video signals from 21-pin EURO connector or from the video/audio connectors V ⊖ A on the front; ⊖ for S-video signals from the S-video (4-pin DIN) connectors on the front). Press button ▢ to return to TV mode.

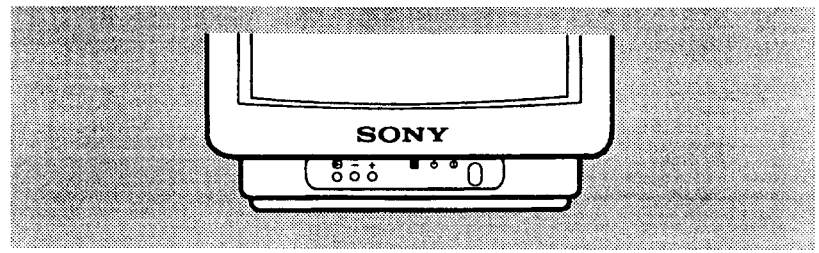
On the set:
Press button ▣ once, the symbols ▢, ⊖, ⊖ will appear on the screen, then press the + button to select the desired video input mode. Press ▣ and + buttons again to return to TV-mode.

Note
- In case of sound or picture distortions move the VTR away from the TV set.

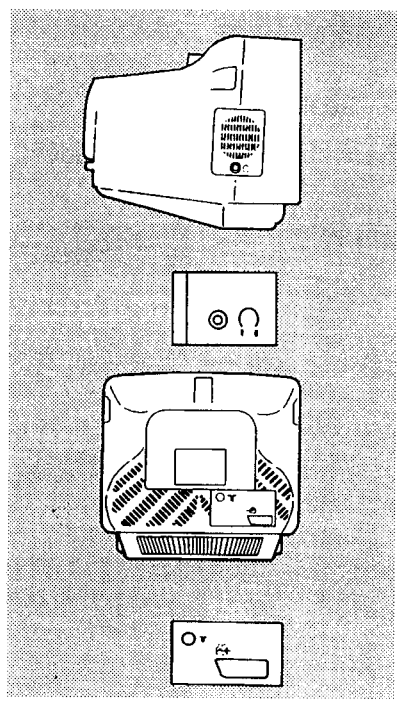
1-7. Additional information

Parts identification

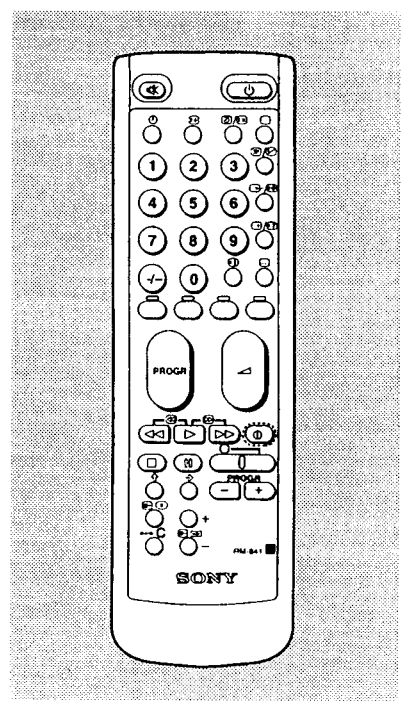
TV Set – Front



TV Set – Rear



Remote Commander



This section briefly describes the buttons and controls on the TV set and on the Remote Commander. For more information, refer to the pages given next to each description.

TV Set

Symbol	Function	Page
⏻	Main power switch	21
⏻	Standby indicator	21
+/–	Programme selector	22
▣ +/–	Sound and picture adjustment/input selection	24
∩	Headphone jack (mini-jack)	27
	21-pin connector (rear of set)	27
	Aerial socket (rear of set)	20

Remote Commander

Symbol	Function	Page
⏻	Button for switching the TV set into standby mode	21
▢	Used to return to TV-mode from standby and video input modes	21
1-9, 0, -/--	Number buttons – in case of two digit numbers first press button -/-- and then two number buttons	22
PROGR +/–	Programme scanning buttons	22
⇨ and ⇩	Preset mode on/off buttons	22
⇩	Functions only in combination with other buttons	22, 23
⇩ and C	Button for clearing a programme position (in preset mode)	23
⇩ and ◀▶ +/–	Buttons for manual fine tuning of a channel/presetting	23
🔇	Mute button	24
▣	Select button for picture adjustment item	24
+/–	Buttons for adjusting picture items	24
→·←	Button for resetting the picture adjustment items to standard	24
◿ +/–	Buttons for adjusting the volume	24
◴	Button for activating the sleep timer	24
▣	On/off button for onscreen display	24
⏲	Time feature (only for KV-M1401D)	24
TEXT/MIX ▣ ▣ ▣ ▣	Teletext buttons (only for KV-M1401D)	25, 26
■ ■ ■ ■	FASTEXT Buttons (only for KV-M1401D)	25
⇨	Button for selecting the video input mode	27

Note:
Buttons not referred to in this index have no function.

1-8. Additional Information

Troubleshooting

Here are some simple solutions to the problems which affect the picture and sound.

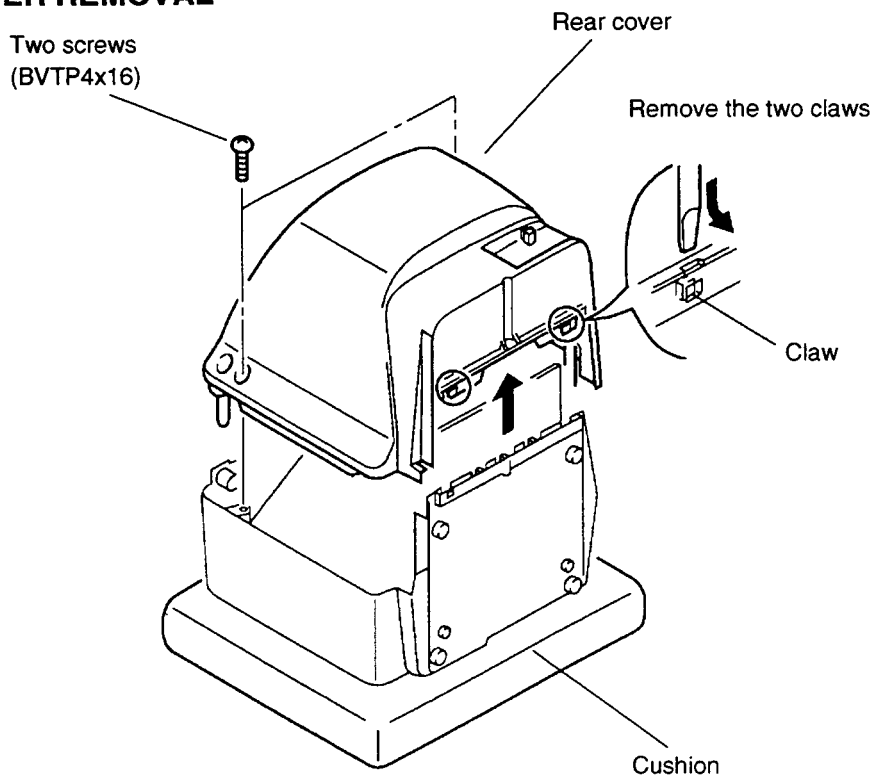
Problem	Solution
No picture (screen is dark), no sound	• Plug the TV in. • Press ⏻ on the TV. (If ⏻ indicator is on, press ▢ or the programme number on the Remote Commander). • Check the aerial connection. • Check if the selected video source is on. • Turn the TV off for 3 or 4 seconds and then turn it on again using ⏻.
Poor or no picture (screen is dark), but sound good	• Adjust ☼, ◑, ● by pressing the + button after selecting with the ▣ button.
Good picture but no sound	• Press ◿ +. • Disconnect the headphones. • If 🔇 is displayed on the screen, press 🔇.
No colour for colour programmes	• Adjust ● with the + button after selecting with the ▣ button. • Press →·← on the Remote Commander.
Remote Commander does not function	• REPLACE THE BATTERIES

If you continue to have these problems, have your TV serviced by qualified personnel. Never open the casing yourself.

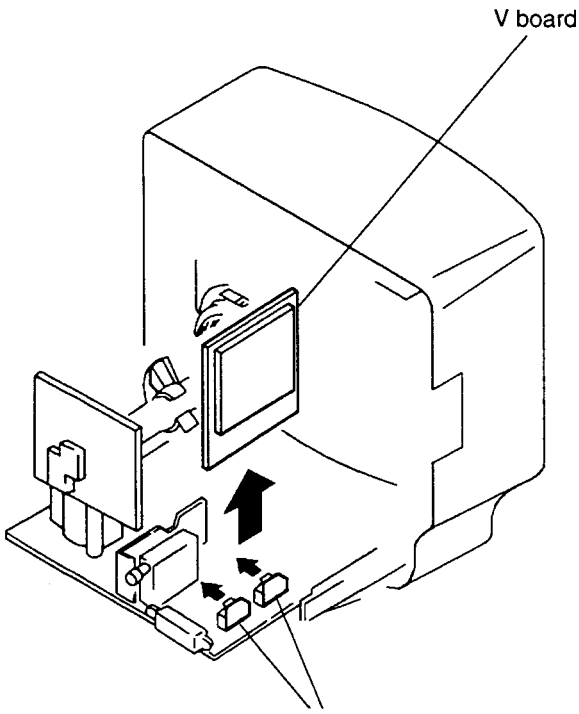
MEMO

SECTION 2
DISASSEMBLY

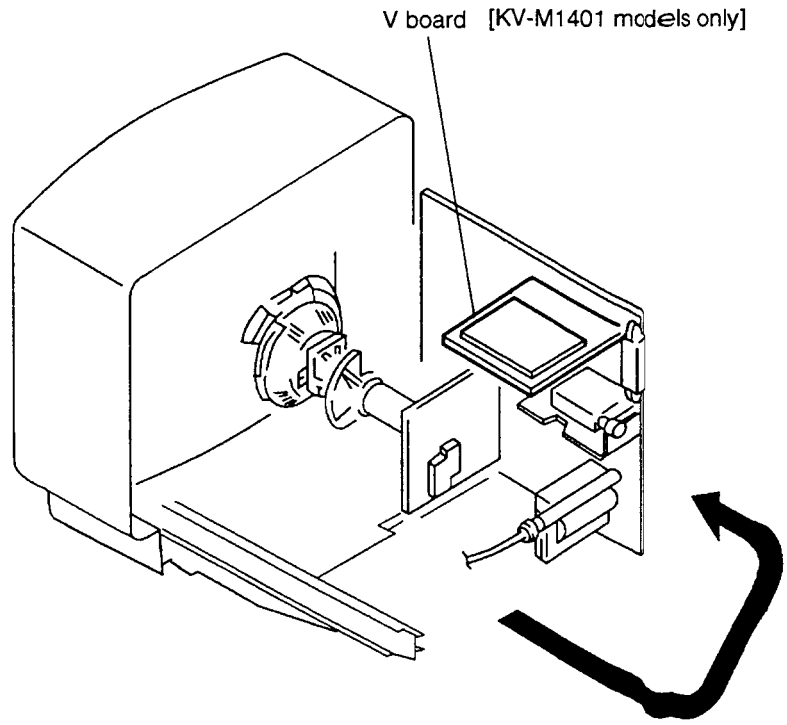
2-1. REAR COVER REMOVAL



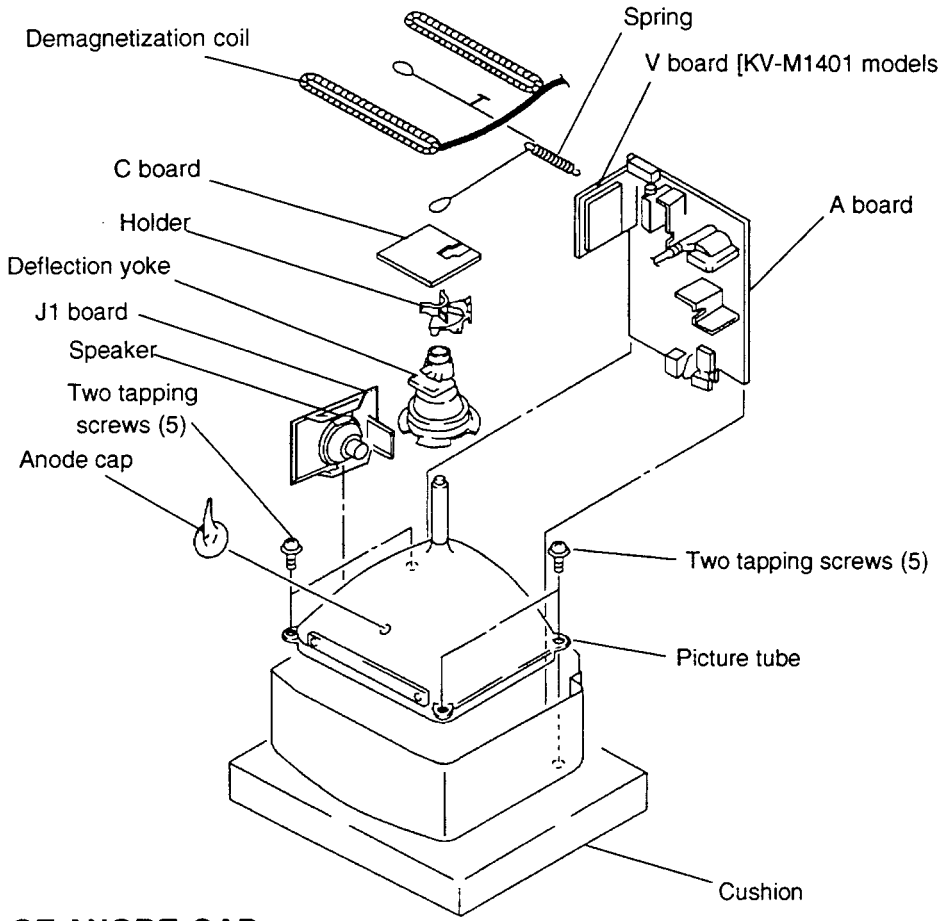
2-2. V BOARD REMOVAL
[KV-M1401 models only]



2-3. SERVICE POSITION



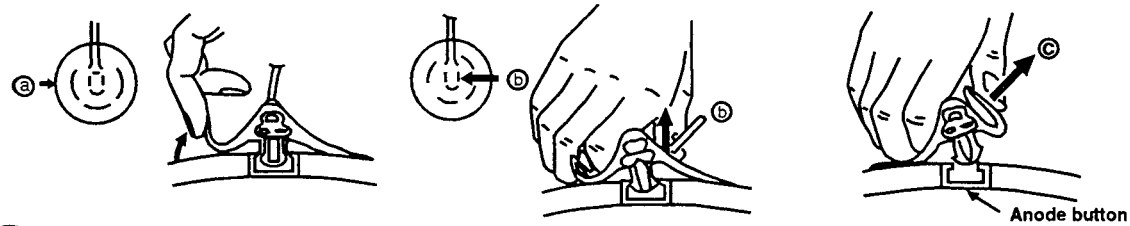
2-4. PICTURE TUBE REMOVAL



• REMOVAL OF ANODE-CAP

Note: Short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon paint on the CRT, after removing the anode.

* **REMOVING PROCEDURES.**



① Turn up one side of the rubber cap in the direction indicated by the arrow ⓐ

② Using a thumb pull up the rubber cap firmly in the direction indicated by the arrow ⓑ

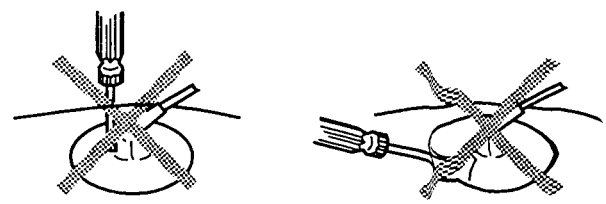
③ When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling it up in the direction of the arrow ⓒ

• HOW TO HANDLE AN ANODE-CAP

① Don't damage the surface of anode-cap with sharp shaped material !

② Don't press the rubber hardly not to hurt inside of anode-caps !
A metal fitting called as shatter-hook terminal is built into the rubber.

③ Don't turn the foot of rubber over hardly !
The shatter-hook terminal will stick out or damage the rubber.



SECTION 3
SET-UP ADJUSTMENTS

- The following adjustments should be made when a complete realignment is required or a new picture tube is installed.
- These adjustments should be performed with rated power supply voltage unless otherwise noted.

The controls and switch below should be set as follows unless otherwise noted:

◑ CONTRAST control 80%
(or Normal by commander)
☼ BRIGHTNESS control 50%

Perform the adjustments in order as follows:

1. Beam Landing
2. Convergence
3. Focus
4. Screen (G2) and White Balance

Note: Test Equipment Required.
1. Color bar/Pattern Generator
2. Degausser
3. DC Power Supply
4. Digital multimeter
5. Oscilloscope

Preparation:

- Set the side of the unit with the PICTURE TUBE so that it faces east or west in order to reduce the influence of external magnetic force.
- Turn the power switch for the unit ON and erase the magnetic force using a degausser.

3-1. BEAM LANDING

Demagnetize with a degausser.

1. Input a raster signal with the pattern generator.
   CONTRAST } normal
   BRIGHTNESS }
2. Turn the raster signal of the pattern generator to red.
3. Move the deflection yoke backward, and adjust with the purity control so that red is in the center and blue and green are at the sides evenly.
   (Fig. 3-1 - 3-3)
4. Move the deflection yoke forward, and adjust so that entire screen becomes red. (Fig. 3-1)
5. Switch over the raster signal to blue and blue and confirm the condition.
6. When the position of the deflection yoke is determined, tighten it with a deflection yoke mounting screw.
7. When landing at the corner is not right, adjust by using the disk magnets. (Fig. 3-4)

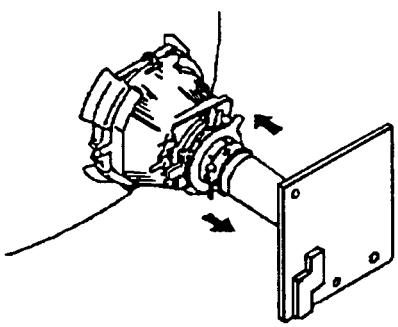


Fig. 3-1

Fig. 3-2

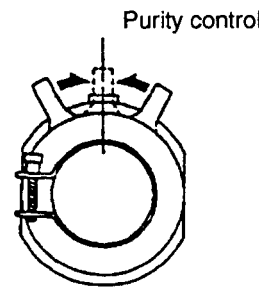


Fig. 3-3

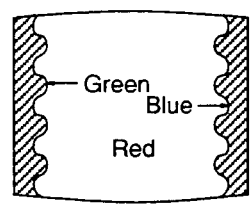
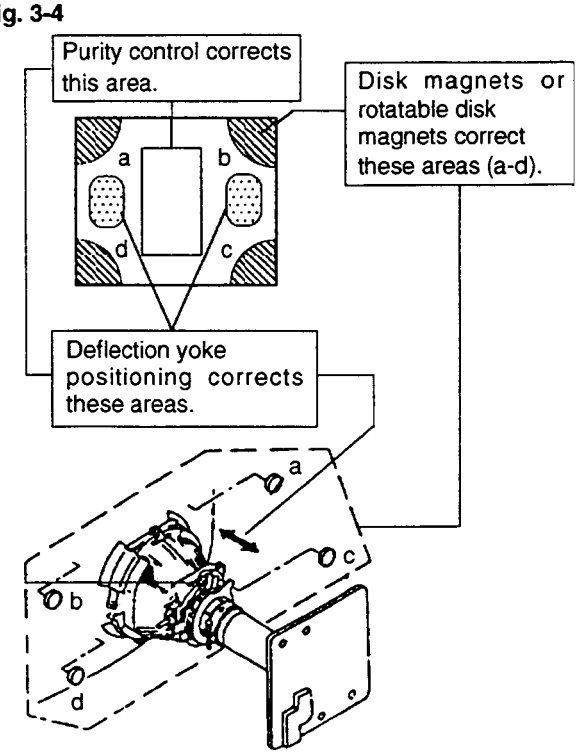


Fig. 3-4

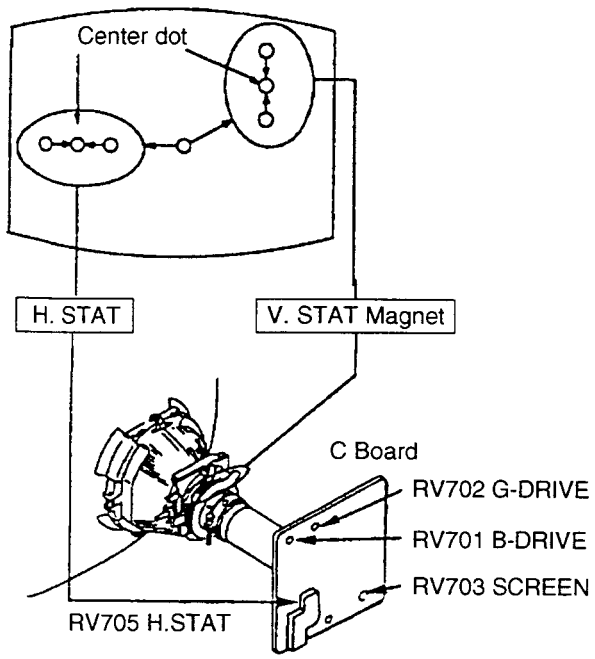


3-2. CONVERGENCE

Preparation:

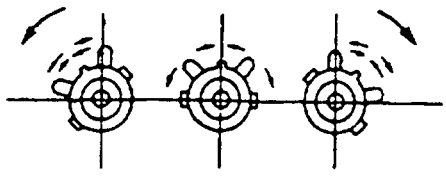
- Before starting, perform FOCUS, H.SIZE, and V. SIZE adjustments.
- Set BRIGHTNESS control to minimum.
- Feed in the dot pattern.

(1) Horizontal and Vertical Static Convergence

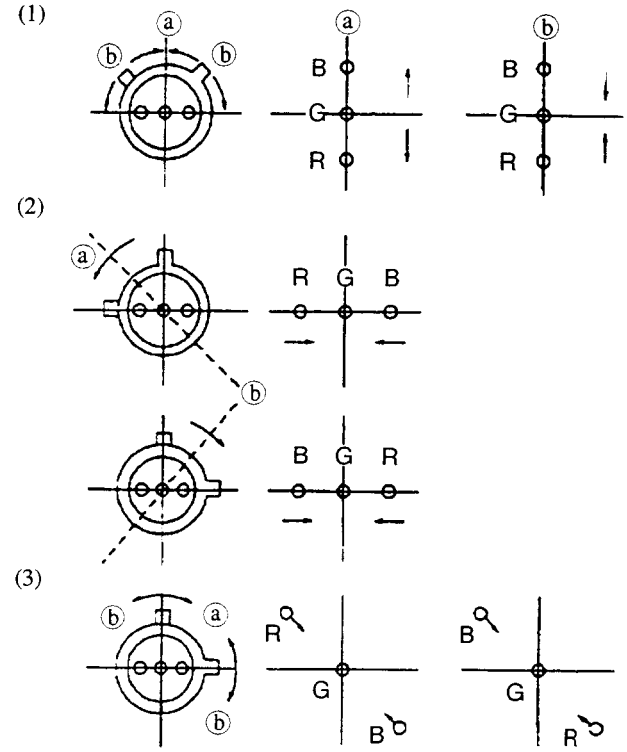


1. Adjust H.STAT VR to converge red, green and blue dots the in center of the screen. (Horizontal movement)
2. Adjust V.STAT magnet to converge red, green and blue dots in the center of the screen. (Vertical movement)
3. If the red, green and blue dots do not converge on the center of screen with H.STAT VR, perform horizontal convergence adjustment using H.STAT VR and V.STAT magnet as shown below. (In this case, H.STAT VR and V.STAT magnet effect each other.)

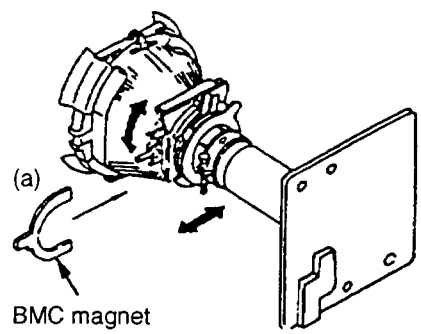
- Tilt the V.STAT magnet and adjust static convergence to open or close the V.STAT magnet.



4. When the V.STAT magnet is moved in the direction of arrows ⓐ and ⓑ the, red, green and blue dots move as shown below.



If the red and blue dot do not converge with green dots, perform following steps.
Move BMC magnet (a) to correct insufficient H.static convergence.
Rotate BMC magnet (b) to correct insufficient V.static convergence.
In either case, repeat Beam Landing Adjustment.

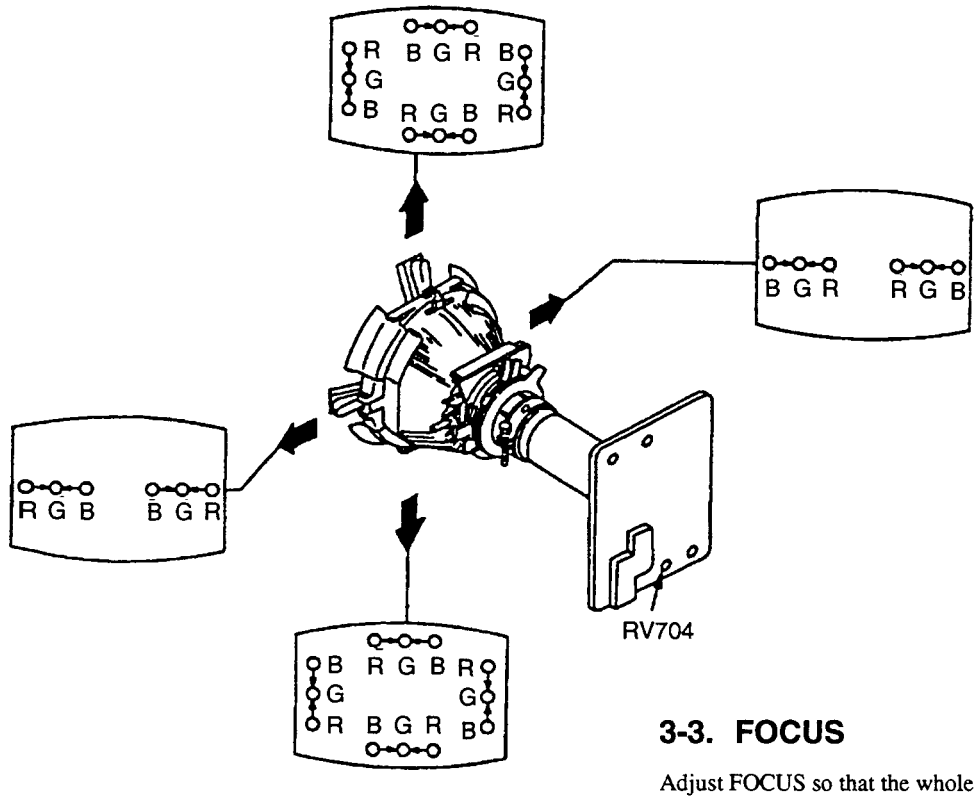


(2) Dynamic Convergence Adjustment

Preparation:

- Before starting perform Horizontal and Vertical static convergence Adjustment.

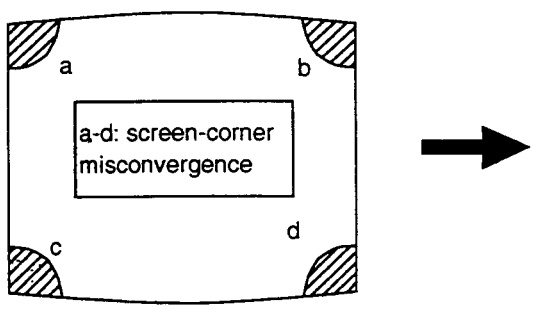
1. Slightly loosen deflection yoke screw.
2. Remove deflection yoke spacers.
3. Move the deflection yoke for best convergence as shown below.
4. Tighten the deflection yoke screw.
5. Install the deflection yoke spacers.

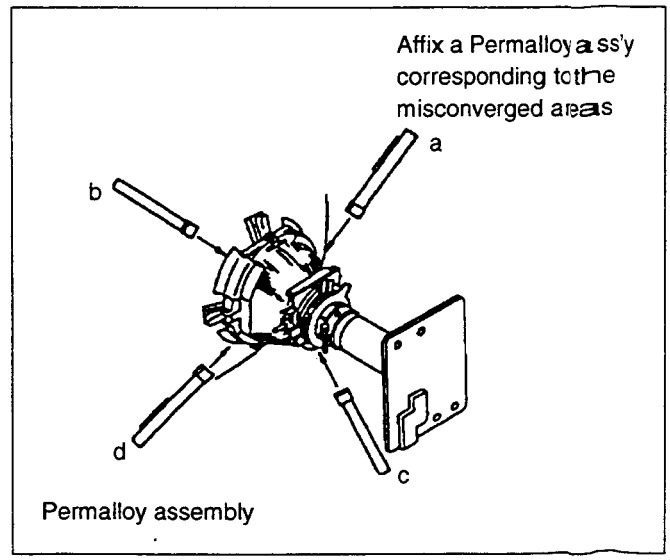


3-3. FOCUS

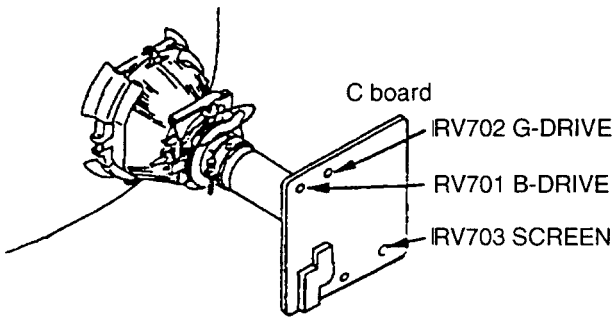
Adjust FOCUS so that the whole screen is in best focus.

(3) Screen-corner Convergence





3-4. SCREEN (G2) and WHITE BALANCE



Screen (G2) setting

1. Input dot signal from the pattern generator.
2. Set the picture BRIGHTNESS control to minimum level.
3. Apply 140V DC to the cathodes of R, G and B from an external power power source.
4. While watching the picture, adjust the G2 volume (RV703) immediately before fly-back line disappears.

White Balance Adjustment

1. Input all-white signal from the pattern generator.
2. Adjust the BRIGHTNESS and COLOR controls to the standard level.
3. Adjust the following using RV701 (B DRIVE) and RV702 (G DRIVE).

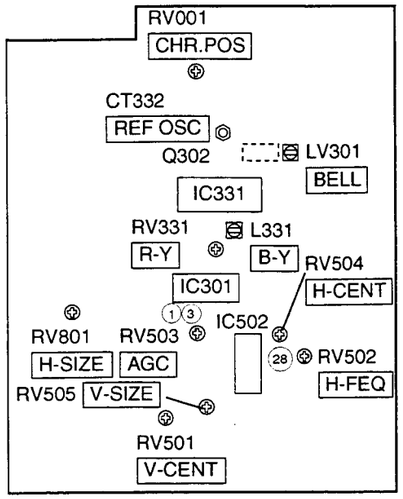
In the following adjustments, the CONTRAST, COLOR and BRIGHTNESS controls are set to normal unless otherwise specified.

KV-M1400/M1401 RM-841

SECTION 4
CIRCUIT ADJUSTMENTS

[M1400D/M1401D/M1400B]

4-1. A BOARD ADJUSTMENTS

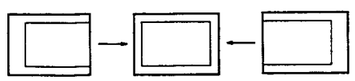


A-BOARD
– Component side –

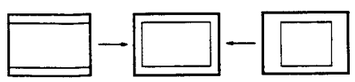
TU AGC Adjustment (RV503)

1. Tune in an off air signal.
2. Adjust AGC VR (RV503) so that snow-noise and cross-modulation just disappear from the picture.

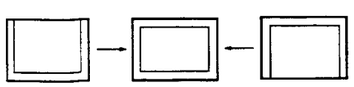
RV504 H.CENT (HORIZONTAL CENTER)



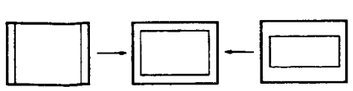
RV801 H.SIZE (HORIZONTAL SIZE)



RV501 V.CENT (VERTICAL CENTER)

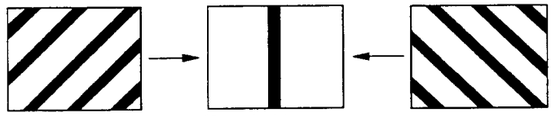


RV505 V.SIZE (VERTICAL SIZE)



H.FREQ Adjustment (RV502)

1. Input a PAL COLOR BAR signal, then connect an electrolytic capacitor (100µ/16 V) between pin (28) and GND of IC502.
2. Adjust RV502 (H.FREQ) to stop scrolling of the picture in the horizontal direction.
3. After adjustment, remove the electrolytic capacitor.

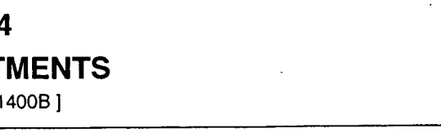


REF OSC 8.8 MHz Adjustment (CT332)

1. Input a PAL COLOR BAR pattern.
2. Short circuit between pin (17) of IC331 and ground.
3. Adjust CT332 to obtain color synchronization.
4. Remove the jumper wire from IC331.

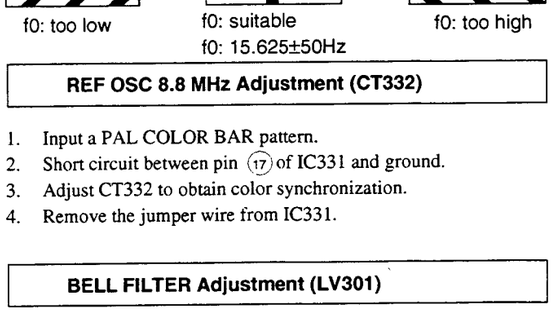
BELL FILTER Adjustment (LV301)

1. Input a SECAM COLOR BAR pattern.
2. Connect an oscilloscope to the Q302 emitter.
3. Adjust LV301 so that waveform becomes flat.



SECAM DISCRI Adjustment (RV331 R-Y L331 B-Y)

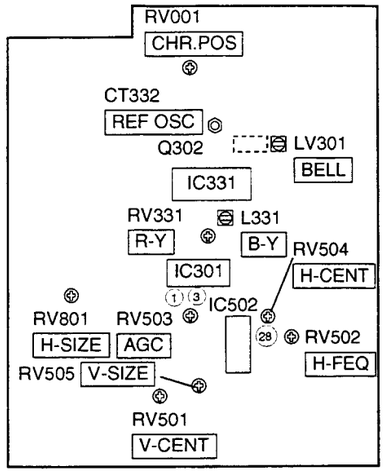
1. Input a SECAM COLOR BAR pattern.
2. Connect an oscilloscope to pin (1) of IC301.
3. Adjust RV331 (R-Y) so that white and black parts of the waveform of pin (1) becomes 0 level.
4. Connect an oscilloscope to pin (3) of IC301.
5. Adjust L331 (B-Y) so that white and black parts of the waveform of pin (3) becomes 0 level.



CIRCUIT ADJUSTMENTS

[M1400K/M1401K]

4-2. A BOARD ADJUSTMENTS

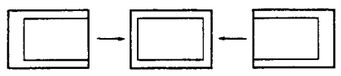


A-BOARD
– Component side –

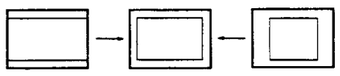
TU AGC Adjustment (RV503)

1. Tune in an off air signal.
2. Adjust AGC VR (RV503) so that snow-noise and cross-modulation just disappear from the picture.

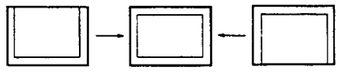
RV504 H.CENT (HORIZONTAL CENTER)



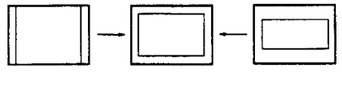
RV801 H.SIZE (HORIZONTAL SIZE)



RV501 V.CENT (VERTICAL CENTER)



RV505 V.SIZE (VERTICAL SIZE)



REF OSC 7.16 MHz Adjustment (CT 331)

1. Input an NTSC COLOR BAR pattern.
2. Short circuit between pin (28) of IC 331 and ground.
3. Adjust CT 331 to obtain color synchronization.
4. Remove the jumper wire from IC 331.

H.FREQ Adjustment (RV502)

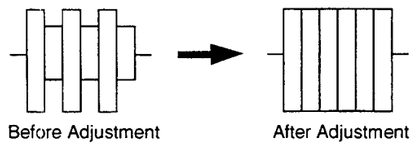
1. Input a PAL COLOR BAR signal, then connect an electrolytic capacitor (100µ/16 V) between pin (28) and GND of IC502.
2. Adjust RV502 (H.FREQ) to stop scrolling of the picture in the horizontal direction.
3. After adjustment, remove the electrolytic capacitor.

REF OSC 8.8 MHz Adjustment (CT332)

1. Input a PAL COLOR BAR pattern.
2. Short circuit between pin (17) of IC331 and ground.
3. Adjust CT332 to obtain color synchronization.
4. Remove the jumper wire from IC331.

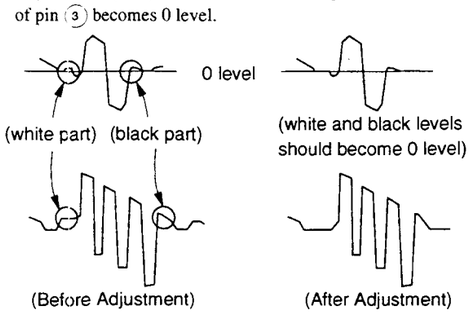
BELL FILTER Adjustment (LV301)

1. Input a SECAM COLOR BAR pattern.
2. Connect an oscilloscope to the Q302 emitter.
3. Adjust LV301 so that waveform becomes flat.

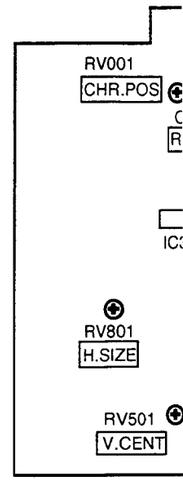


SECAM DISCRI Adjustment (RV331 R-Y L331 B-Y)

1. Input a SECAM COLOR BAR pattern.
2. Connect an oscilloscope to pin (1) of IC301.
3. Adjust RV331 (R-Y) so that white and black parts of the waveform of pin (1) becomes 0 level.
4. Connect an oscilloscope to pin (3) of IC301.
5. Adjust L331 (B-Y) so that white and black parts of the waveform of pin (3) becomes 0 level.



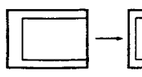
4-3. A BOARD



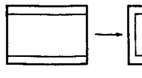
TU AGC Adju

1. Tune in an off air
2. Adjust AGC VR (R
just disappear fron

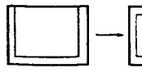
RV504 H.CENT (HOR



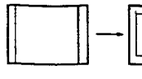
RV801 H.SIZE (HORI



RV501 V.CENT (VER



RV505 V.SIZE (VERT

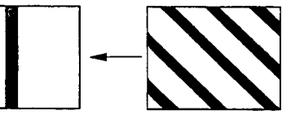


KV-M1400/M1401 RM-841

(RV502)

signal, then connect an electrolytic
een pin (28) and GND of IC502.
o stop scrolling of the picture in the

e electrolytic capacitor.



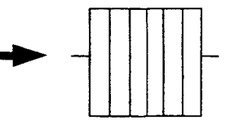
able
625±50Hz
f0: too high

justment (CT332)

pattern.
(7) of IC331 and ground.
or synchronization.
om IC331.

ment (LV301)

AR pattern.
he Q302 emitter.
form becomes flat.

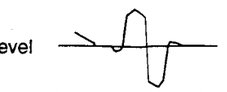


After Adjustment

stment (RV331 R-Y L331 B-Y)

AR pattern.
pin (1) of IC301.
white and black parts of the waveform

pin (3) of IC301.
hite and black parts of the waveform



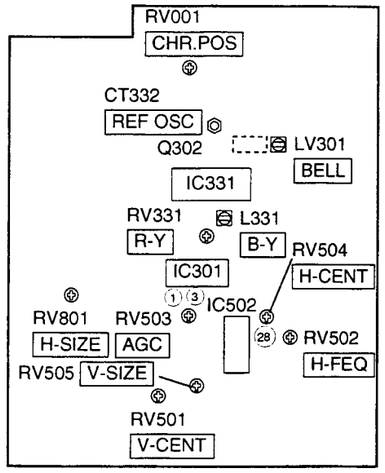
evel
(white and black levels should become 0 level)

(After Adjustment)

CIRCUIT ADJUSTMENTS

[M1400K/M1401K]

4-2. A BOARD ADJUSTMENTS

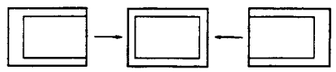


A-BOARD
– Component side –

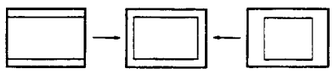
TU AGC Adjustment (RV503)

1. Tune in an off air signal.
2. Adjust AGC VR (RV503) so that snow-noise and cross-modulation just disappear from the picture.

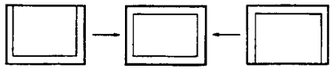
RV504 H.CENT (HORIZONTAL CENTER)



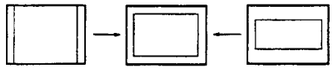
RV801 H.SIZE (HORIZONTAL SIZE)



RV501 V.CENT (VERTICAL CENTER)



RV505 V.SIZE (VERTICAL SIZE)



REF OSC 7.16 MHz Adjustment (CT 331)

1. Input an NTSC COLOR BAR pattern.
2. Short circuit between pin (28) of IC 331 and ground.
3. Adjust CT 331 to obtain color synchronization.
4. Remove the jumper wire from IC 331.

H.FREQ Adjustment (RV502)

1. Input a PAL COLOR BAR signal, then connect an electrolytic capacitor (100µ/16 V) between pin (28) and GND of IC502.
2. Adjust RV502 (H.FREQ) to stop scrolling of the picture in the horizontal direction.
3. After adjustment, remove the electrolytic capacitor.

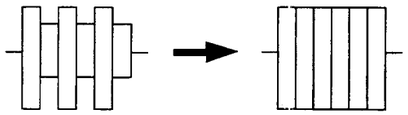
f0: too low
f0: suitable
f0: 15.625±50Hz
f0: too high

REF OSC 8.8 MHz Adjustment (CT332)

1. Input a PAL COLOR BAR pattern.
2. Short circuit between pin (17) of IC331 and ground.
3. Adjust CT332 to obtain color synchronization.
4. Remove the jumper wire from IC331.

BELL FILTER Adjustment (LV301)

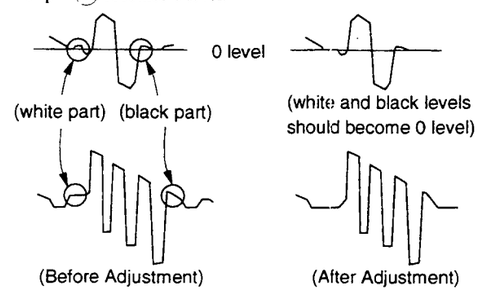
1. Input a SECAM COLOR BAR pattern.
2. Connect an oscilloscope to the Q302 emitter.
3. Adjust LV301 so that waveform becomes flat.



Before Adjustment
After Adjustment

SECAM DISCRI Adjustment (RV331 R-Y L331 B-Y)

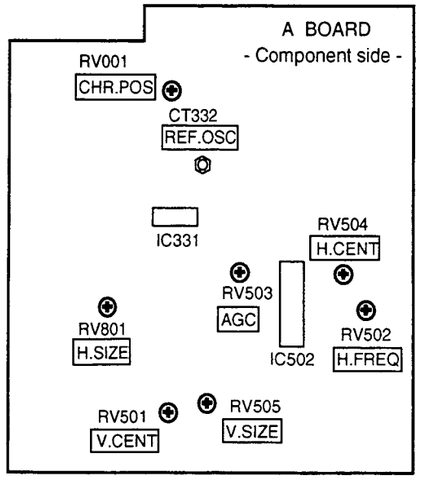
1. Input a SECAM COLOR BAR pattern.
2. Connect an oscilloscope to pin (1) of IC301.
3. Adjust RV331 (R-Y) so that white and black parts of the waveform of pin (1) becomes 0 level.
4. Connect an oscilloscope to pin (3) of IC301.
5. Adjust L331 (B-Y) so that white and black parts of the waveform of pin (3) becomes 0 level.



CIRCUIT ADJUSTMENTS

[M1400U/M1401U/M1400L/M1400A/M1400E]

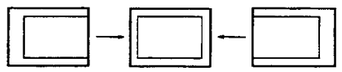
4-3. A BOARD ADJUSTMENTS



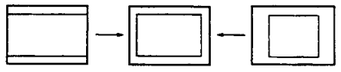
TU AGC Adjustment (RV503)

1. Tune in an off air signal.
2. Adjust AGC VR (RV503) so that snow-noise and cross-modulation just disappear from the picture.

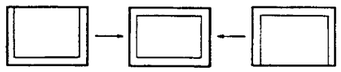
RV504 H.CENT (HORIZONTAL CENTER)



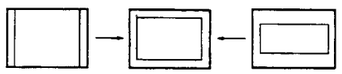
RV801 H.SIZE (HORIZONTAL SIZE)



RV501 V.CENT (VERTICAL CENTER)

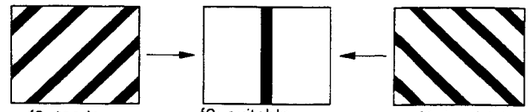


RV505 V.SIZE (VERTICAL SIZE)



H.FREQ Adjustment (RV502)

1. Input a PAL COLOR BAR signal, then connect an electrolytic capacitor (100µ/16 V) between pin (28) and GND of IC502.
2. Adjust RV502 (H.FREQ) to stop scrolling of the picture in the horizontal direction.
3. After adjustment, remove the electrolytic capacitor.



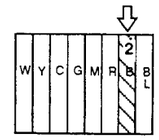
f0: too low
f0: suitable
f0: 15.625±50Hz
f0: too high

REF OSC 8.8 MHz Adjustment (CT332)

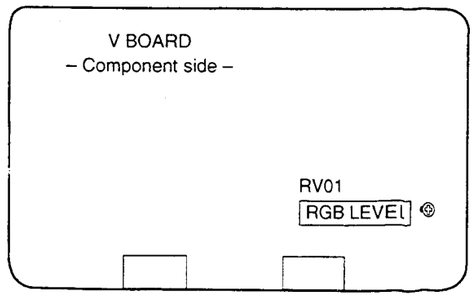
1. Input a PAL COLOR BAR pattern.
2. Short circuit between pin (17) of IC331 and ground.
3. Adjust CT332 to obtain color synchronization.
4. Remove the jumper wire from IC331.

CHARACTER POSITION Adjustment [RV001] [All Models]

1. Input a PAL COLOR BAR pattern.
2. Adjust RV001 to position the character display at the point indicated by the arrow below.



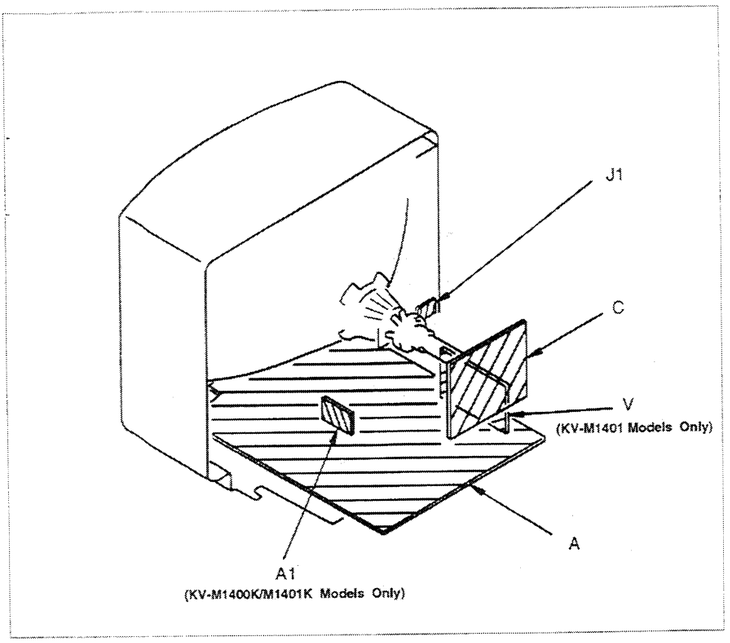
4-4. V BOARD ADJUSTMENT [M1401 Models only]



RGB LEVEL Adjustment (RV01)

1. Set PICTURE to maximum.
2. Adjust RV01 till the RGB output becomes maximum.

5-1. CIRCUIT BOARD LOCATION



Note :

- All capacitors are in µF unless otherwise noted. pF: µµF 50WV or less are not indicated except for electrolytic and tantalums.
- All resistors are in ohms.
  kΩ = 1000Ω , MΩ = 1000KΩ
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5 mm
Rating electrical power ¼ W

- : nonflammable resistor.
- : internal component.
- : panel designation, or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- : earth - ground.
- : earth - chassis.
- : no mounted.

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with part number specified.

Reference information

RESISTOR	: RN	METAL FILM
	: RC	SOLID
	: FPRD	NONFLAMMABLE CARBON
	: FUSE	NONFLAMMABLE FUSIBLE
	: RS	NONFLAMMABLE METAL OXIDE
	: RB	NONFLAMMABLE CEMENT
	: RW	NONFLAMMABLE WIREWOUND
	: ※	ADJUSTABLE RESISTOR
COIL	: LF-8L	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	: PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE
	: ALB	BIPOLAR
	: ALT	HIGH TEMPERATURE
	: ALR	HIGH RIPPLE

- Readings are taken with a colour-bar signal input.
- Readings are taken with 10MΩ digital multimeter.
- Voltages are dc with respect to ground unless otherwise noted.
- Voltage variations may be noted due to normal production tolerances.
- All voltages are in V.
- Circled numbers are waveform references.
- : B+ bus.
- : signal path. (RF)

KV-M1400/M1401
RM-841

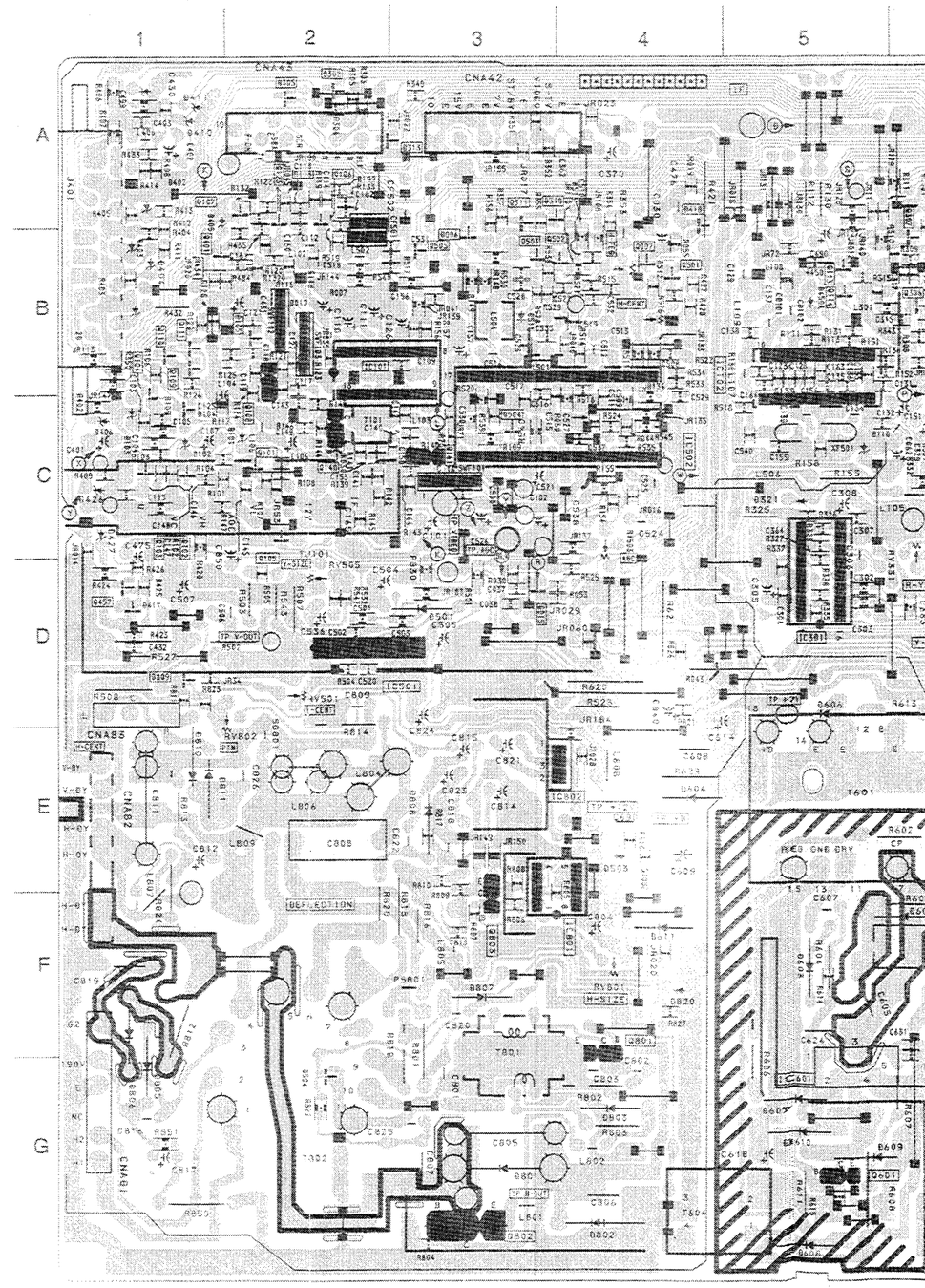
A SYSTEM CONTROL
H/V OUT, MEMORY, CHROMA

5-2. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS.

— A Board —

A Board

DIODE		DIODE		TRANSISTOR	
D002	E-10	D604	E-4	Q001	D-8
D004	C-9	D605	E-6	Q003	C-9
D007	B-8	D606	D-5	Q004	D-10
D008	D-10	D607	G-5	Q005	B-8
D009	B-8	D608	H-5	Q006	C-8
D011	E-8	D609	G-5	Q007	B-4
D020	B-8	D610	G-5	Q015	D-3
D110	C-5	D611	F-4	Q016	D-10
D301	C-6	D801	G-3	Q017	E-9
D302	A-2	D802	H-4	Q019	D-10
D303	B-6	D803	G-4	Q020	D-8
D305	A-2	D805	G-1	Q104	C-1
D306	B-6	D806	F-1	Q106	A-2
D313	A-3	D807	F-3	Q107	A-2
D321	C-5	D808	E-3	Q112	A-7
D324	A-7	D810	E-1	Q114	B-5
D334	B-6	D811	E-1	Q115	A-6
D402	A-1	D820	F-4	Q123	A-2
D403	B-1	IC		Q141	C-3
D404	B-1	IC001	C-9	Q302	C-7
D405	A-1	IC002	D-9	Q304	B-6
D406	C-1	IC003	D-10	Q305	B-6
D411	A-1	IC004	E-9	Q307	B-6
D417	D-1	IC005	B-8	Q310	A-3
D418	A-4	IC102	B-5	Q311	A-3
D426	C-1	IC201	F-8	Q401	B-1
D427	C-1	IC301	D-5	Q457	D-1
D450	B-5	IC302	B-7	Q504	C-3
D501	D-3	IC331	C-7	Q505	B-3
D503	E-4	IC501	D-2	Q601	G-5
D504	G-2	IC502	C-4	Q801	F-4
D519	C-8	IC601	G-5	Q802	H-3
D601	F-7	IC801	F-3	Q803	F-3
D602	F-6	IC802	E-4	VARIABLE RESISTOR	
D603	F-5	TRIMMER		RV001	D-9
		CT331	C8	RV501	D-2
		CT332	C8	RV502	B-4
				RV503	C-4
				RV505	D-2
				RV801	F-4



NOTE:
The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.

5-2. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS.

— A Board —

A SYSTEM CONTROL
H/V OUT, MEMORY, CHROMA

A Board

DIODE		DIODE		TRANSISTOR	
D002	E-10	D604	E-4	Q001	D-8
D004	C-9	D605	E-6	Q003	C-9
D007	B-8	D606	D-5	Q004	D-10
D008	D-10	D607	G-5	Q005	B-8
D009	B-8	D608	H-5	Q006	C-8
D011	E-8	D609	G-5	Q007	B-4
D020	B-8	D610	G-5	Q015	D-3
D110	C-5	D611	F-4	Q016	D-10
D301	C-6	D801	G-3	Q017	E-9
D302	A-2	D802	H-4	Q019	D-10
D303	B-6	D803	G-4	Q020	D-8
D305	A-2	D805	G-1	Q104	C-1
D306	B-6	D806	F-1	Q106	A-2
D313	A-3	D807	F-3	Q107	A-2
D321	C-5	D808	E-3	Q112	A-7
D324	A-7	D810	E-1	Q114	B-5
D334	B-6	D811	E-1	Q115	A-6
D402	A-1	D820	F-4	Q123	A-2
D403	B-1			Q141	C-3
D404	B-1	IC		Q302	C-7
D405	A-1	IC001	C-9	Q304	B-6
D406	C-1	IC002	D-9	Q305	B-6
D411	A-1	IC003	D-10	Q307	B-6
D417	D-1	IC004	E-9	Q310	A-3
D418	A-4	IC005	B-8	Q311	A-3
D426	C-1	IC102	B-5	Q401	B-1
D427	C-1	IC201	F-8	Q457	D-1
D450	B-5	IC301	D-5	Q504	C-3
D501	D-3	IC302	B-7	Q505	B-3
D503	E-4	IC331	C-7	Q601	G-5
D504	G-2	IC501	D-2	Q801	F-4
D519	C-8	IC502	C-4	Q802	H-3
D601	F-7	IC601	G-5	Q803	F-3
D602	F-6	IC801	F-3		
D603	F-5	IC802	E-4	VARIABLE RESISTOR	
		TRIMMER			
		CT331	C8	RV001	D-9
		CT332	C8	RV501	D-2
				RV502	B-4
				RV503	C-4
				RV505	D-2
				RV801	F-4

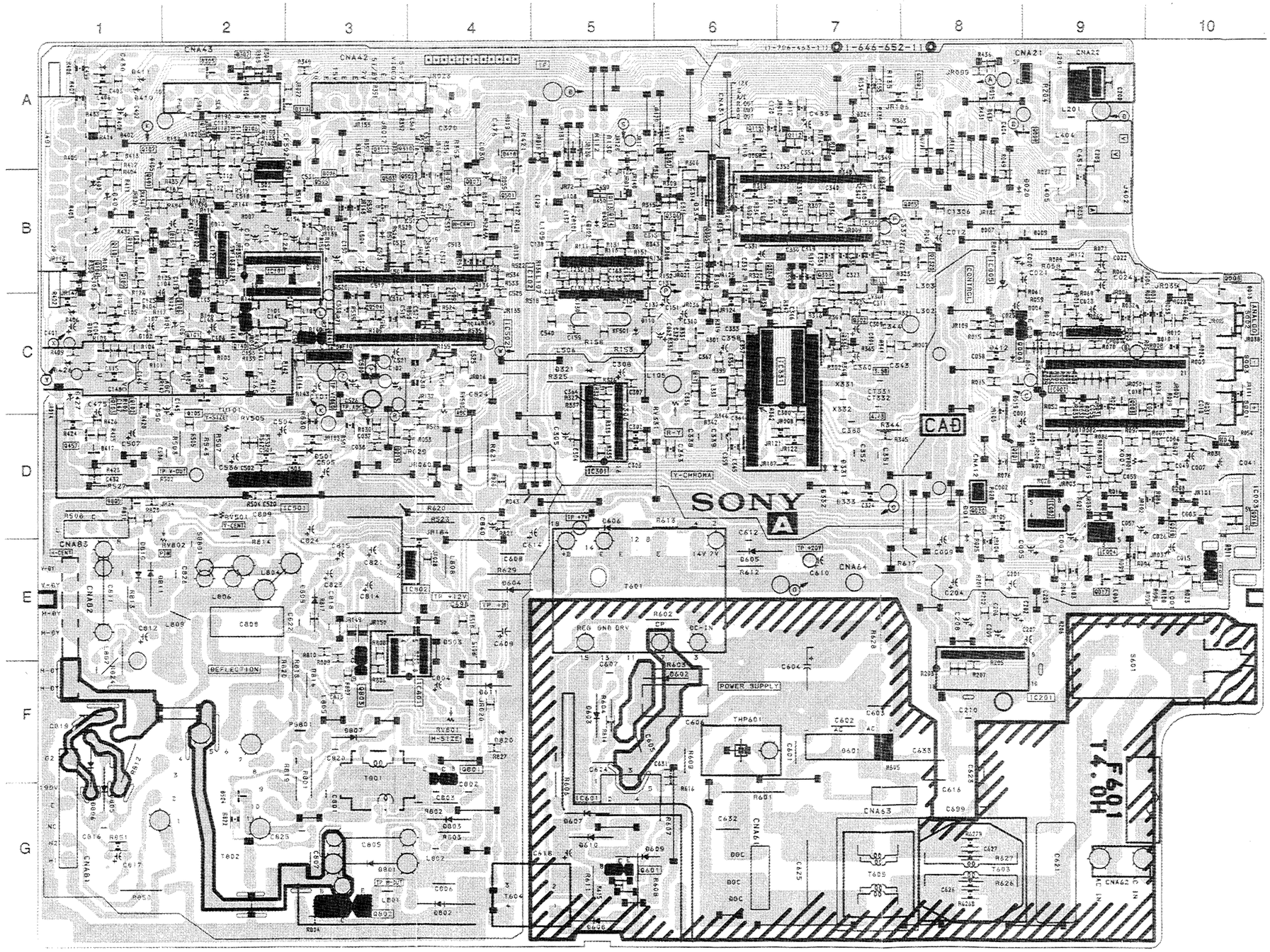
ABLE CARBON
ABLE FUSIBLE
ABLE METAL OXIDE
ABLE CEMENT
ABLE WIREWOUND
E RESISTOR
CTOR

LENE

POLYESTER
POLYPROPYLENE

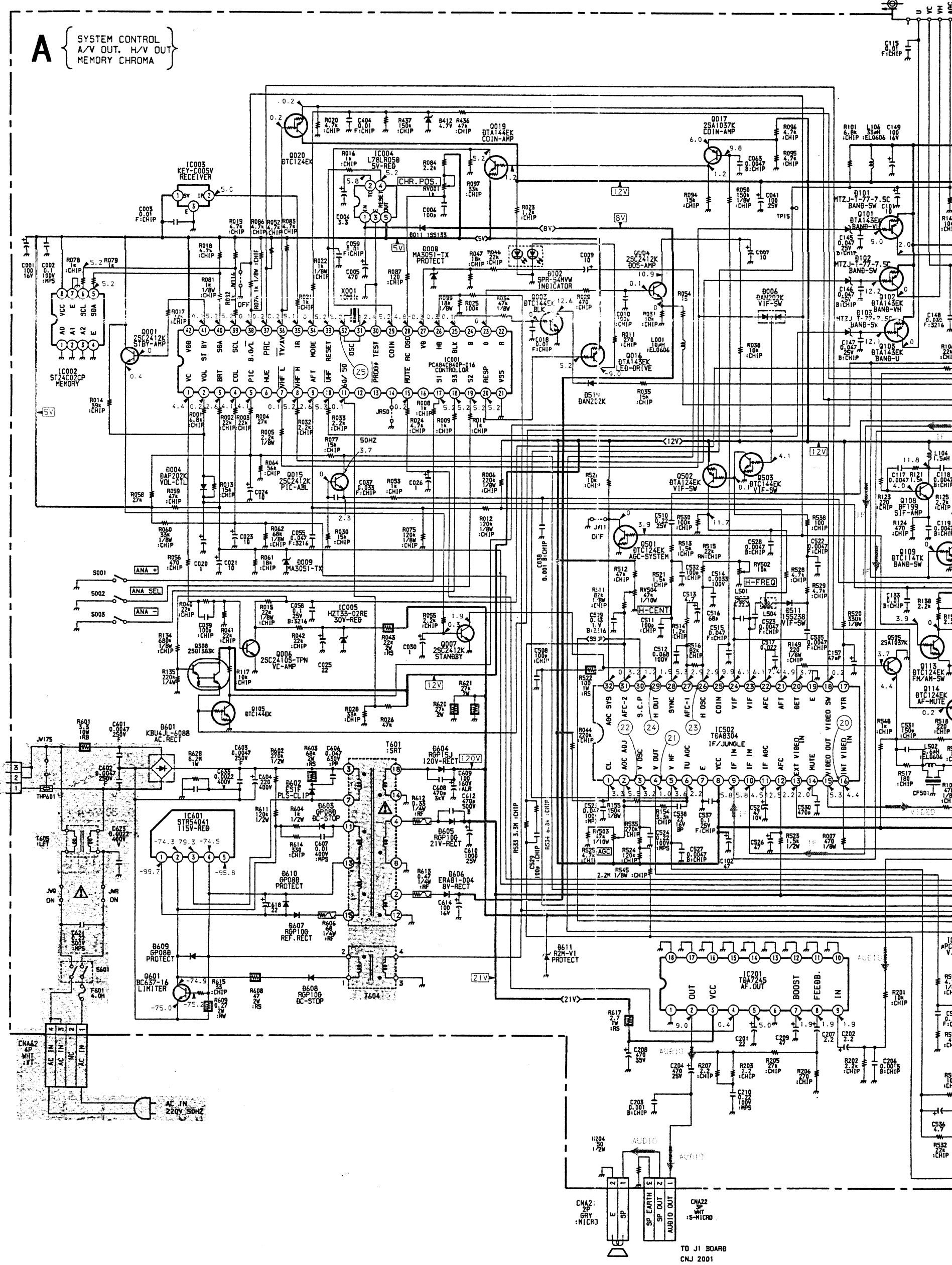
ERATURE
E

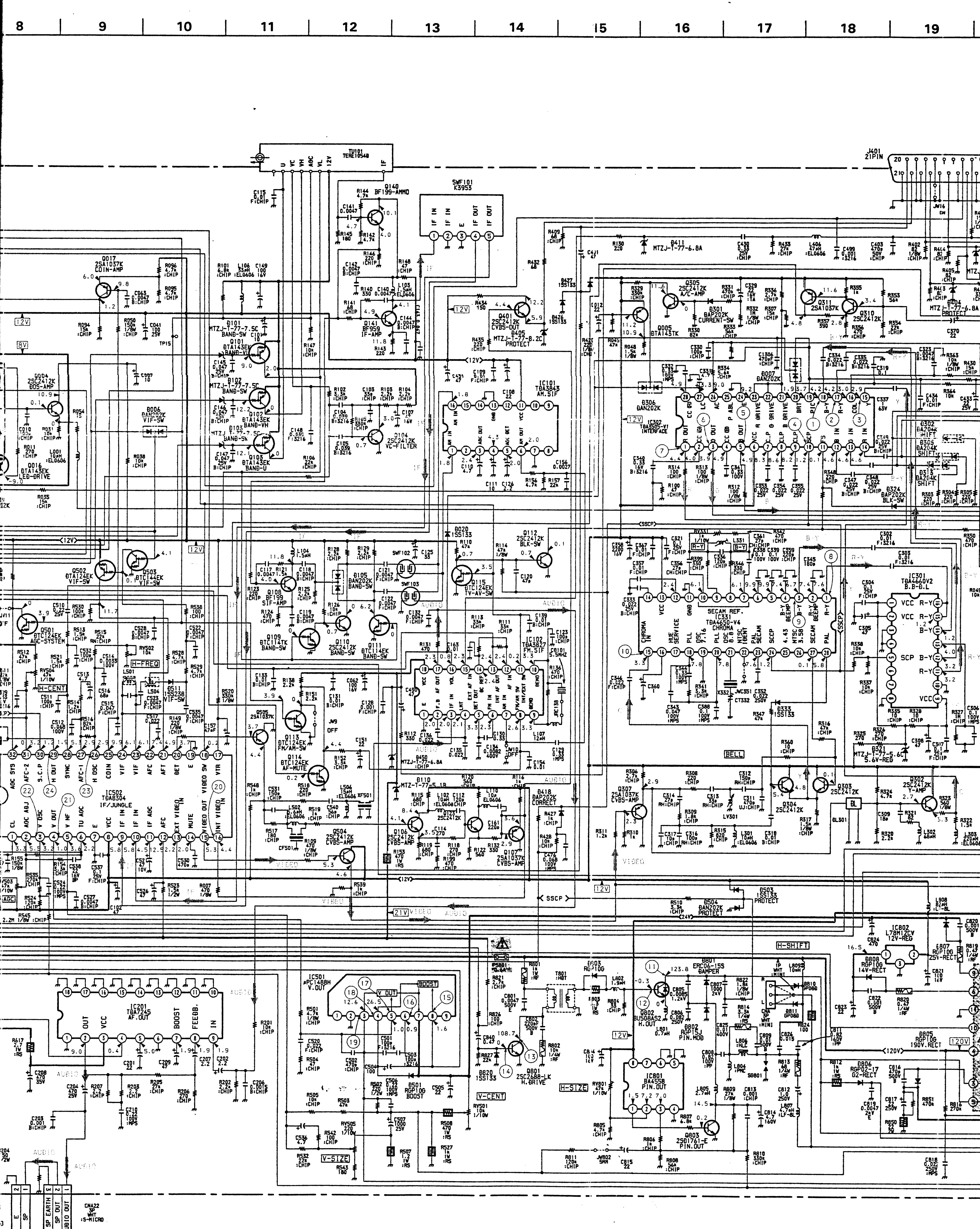
ut.
er.
otherwise noted.
production



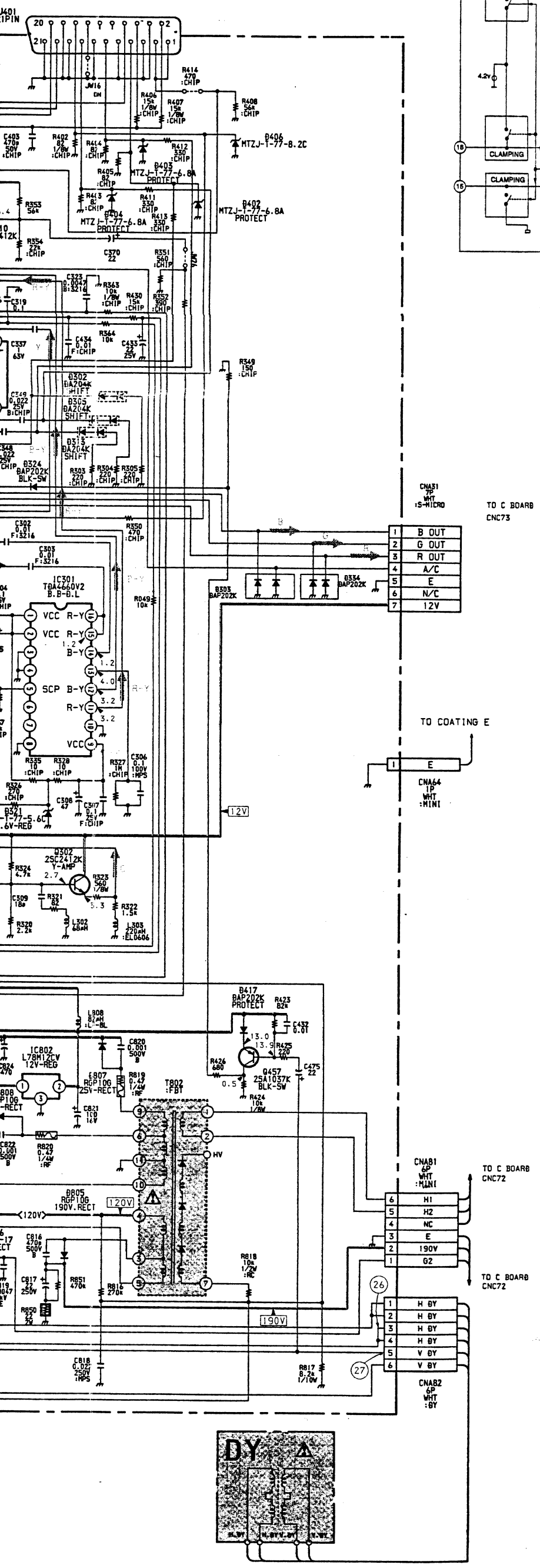
KV-M1400B SCHEMATIC

A { SYSTEM CONTROL
A/V OUT. H/V OUT
MEMORY CHROMA }

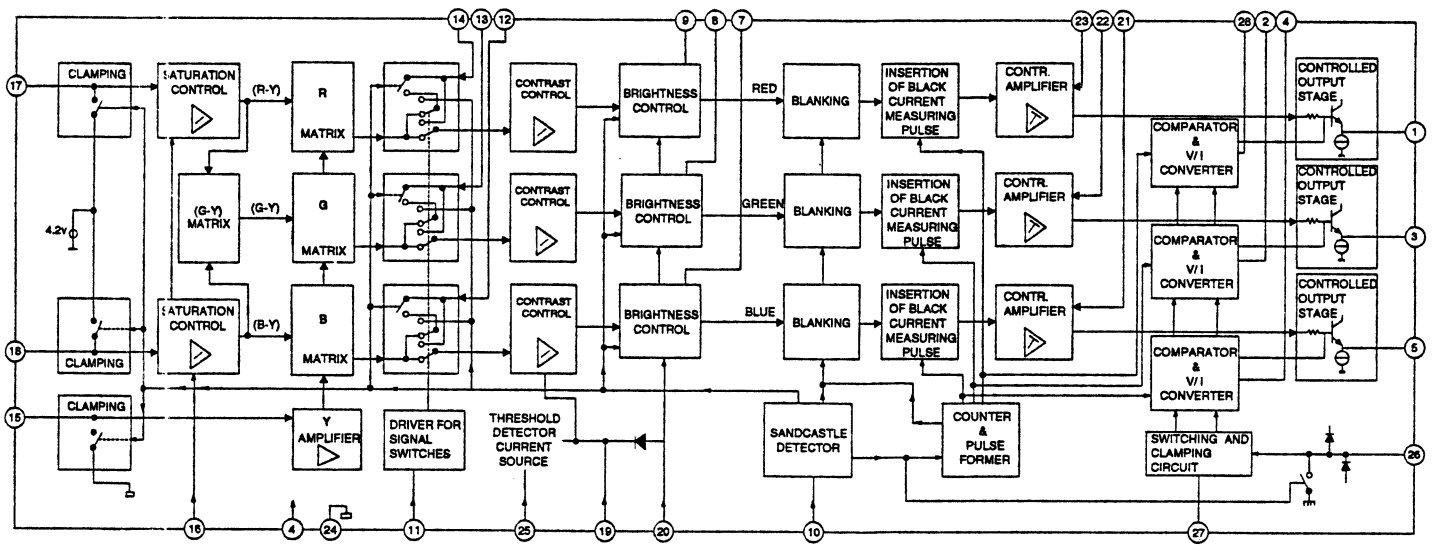




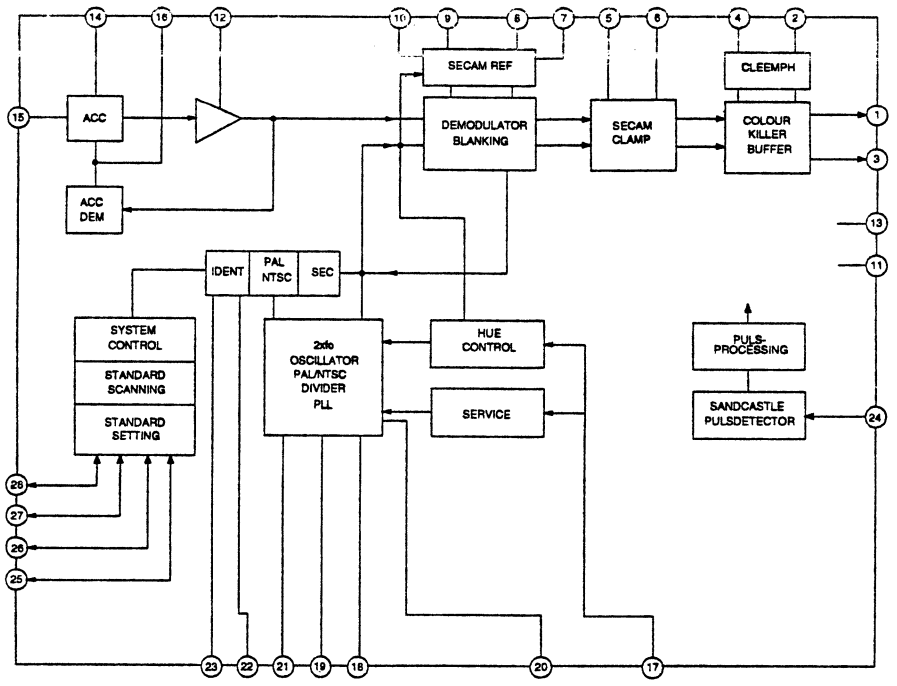
8 9 10 11 12 13 14 15 16 17 18 19
TU101 TERE1054B
SWF101 K3953
J401 21PIN
Q140 BF199-AMMO
Q141 BF959 IF-AMP
Q017 2SA1037K COIN-AMP
Q004 2SC2412K DOS-AMP
Q016 DTA143EK LED-DRIVE
D006 DAN202K VIF-SW
Q101 DTA143EK BAND-VL
Q102 DTA143EK BAND-VH
Q103 DTA143EK BAND-U
Q104 2SC2412K VC-FILTER
IC101 TDA3843 AM.SIF
Q401 2SC2412K CVBS-OUT
D405 MTZJ-T-77-8.2C PROTECT
D411 MTZJ-T-77-6.8A
Q305 2SC2412K A/C-AMP
D301 DAP202K CURRENT-SW
Q005 DTA143TK
Q311 2SA1037K
Q310 2SC2412K
D404 MTZJ-T-77-6.8A PROTECT
IC302 TDA3505-V1 INTERFACE
D306 DAN202K
D007 DAN202K
D302 DA204K SHIFT
D305 DA204K SHIFT
D313 DA204K SHIFT
D324 DAP202K BLK-SW
Q502 DTA124EK VIF-SW
Q503 DTC144EK VIF-SW
Q501 DTC124EK AGC-SYSTEM
D511 1SS238 VIF-SW
H-CENT
H-FREQ
AGC
IC502 TDA8304 IF/JUNGLE
Q108 BF199 SIF-AMP
Q109 DTC114TK BAND-SW
D105 DAN202K BAND-SW
Q110 2SC2412K BAND-SW
Q111 DTC114EK BAND-SW
Q505 2SA1037K
Q113 DTC124EK FM/AM-SW
Q114 DTC124EK AF-MUTE
Q504 2SC2412K CVBS-AMP
D020 1SS133
Q115 DTC124EK TV-AV-SW
Q112 2SC2412K BLK-SW
IC102 TDA3827 FM.SIF
D450 MTZJ-T-77-6.8A
D110 MTZ-T-77-5.1B
Q106 2SC2412K CVBS-AMP
Q123 2SC2412K
Q107 2SA1037K CVBS-AMP
D418 DAP202K CORRECT
IC331 TDA4650-V4 CHROMA
SECAM REF.
IC301 TDA4660V2 B.B-D.L
BELL
Q307 2SA1037K CVBS-AMP
Q304 2SC2412K
Q303 2SC2412K
Q302 2SC2412K Y-AMP
D321 MTZJ-T-77-5.6C 5.6V-REG
D503 1SS133 PROTECT
D504 DAN202K PROTECT
IC201 TDA7245 AF.OUT
IC501 μPC1488H V.OUT
D501 RGP10G BOOST
V-SIZE
V-CENT
H-SIZE
H-SHIFT
Q801 2SC2688-LK H.DRIVE
D820 1SS133
T801 HBT
D803 RGP10G
Q802 BU508AS2 H.OUT
D801 ERC06-15S DAMPER
D802 RGP15J PIN.MOD
IC801 BA4558 PIN.OUT
Q803 2SD1761-E PIN.OUT
IC802 L78M12CV 12V-REG
D807 RGP10G 25V-RECT
D808 RGP10G 14V-RECT
D805 RGP10G 190V.RECT
D806 RGP02-17 G2-RECT
CNA22 3P WHT :S-MICRO
SP EARTH
SP OUT
AUDIO OUT
TO J1 BOARD
CNJ 2001



A Board IC302 TDA3505-V1

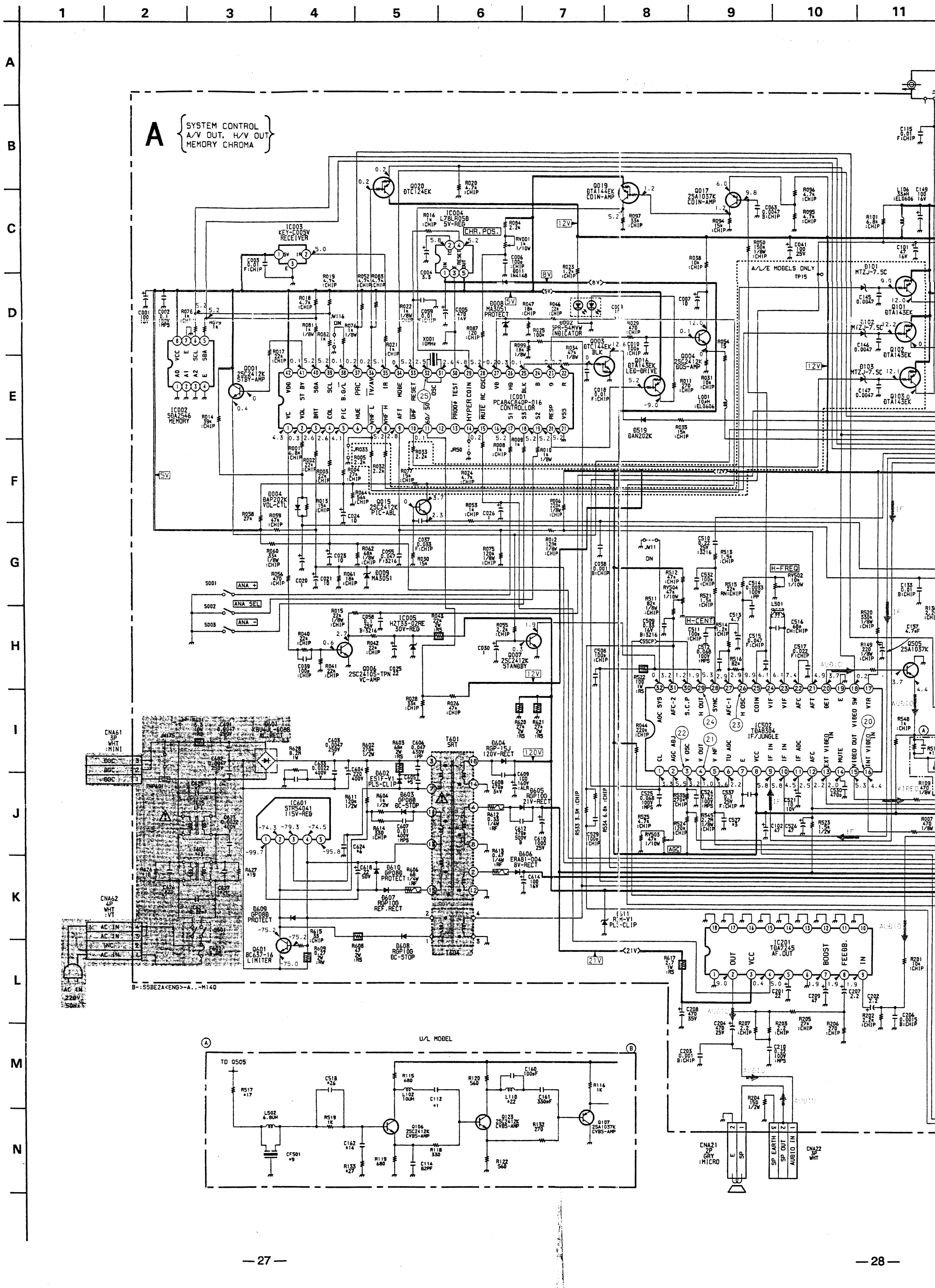


A Board IC331 TDA4650-V4

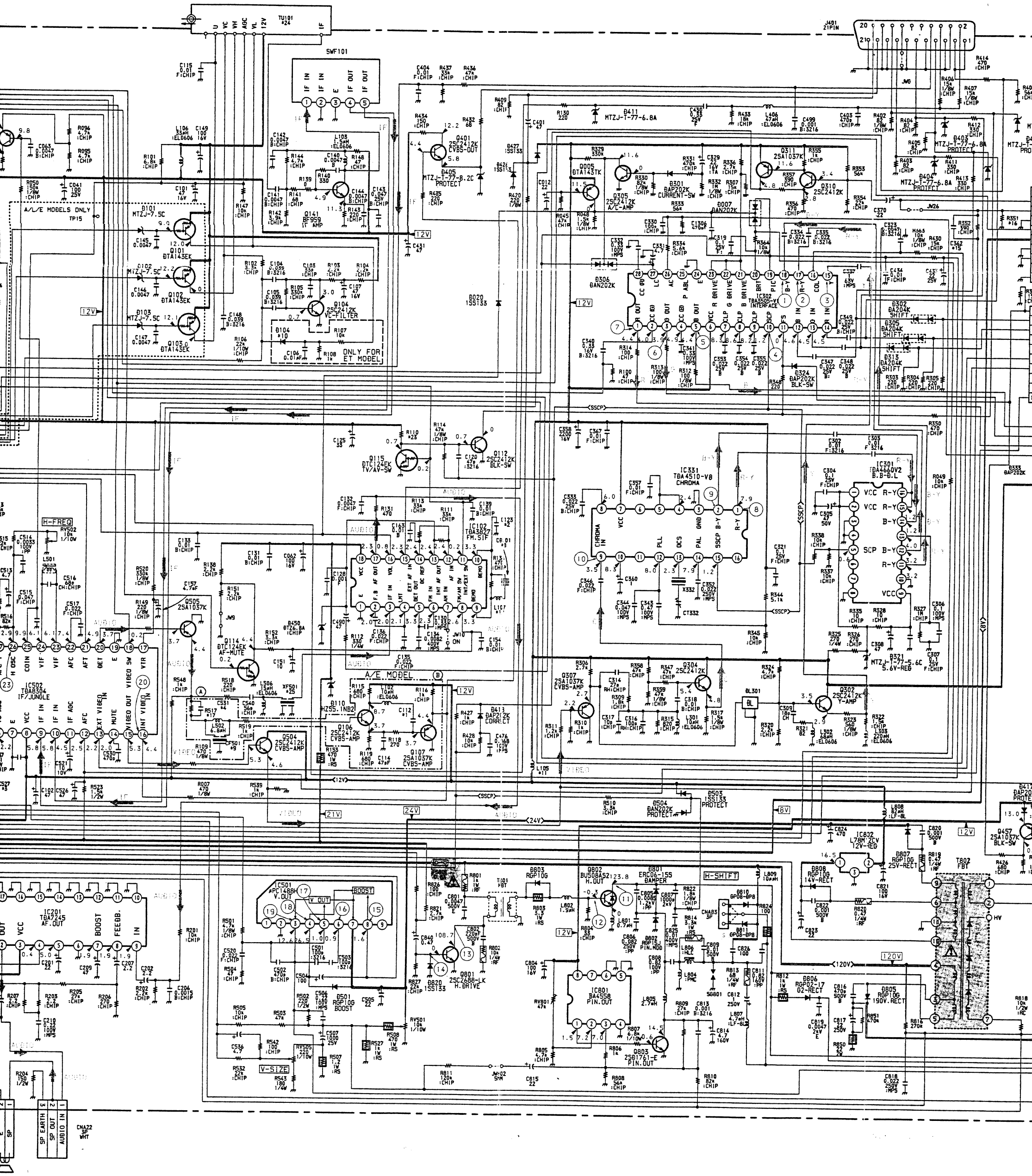


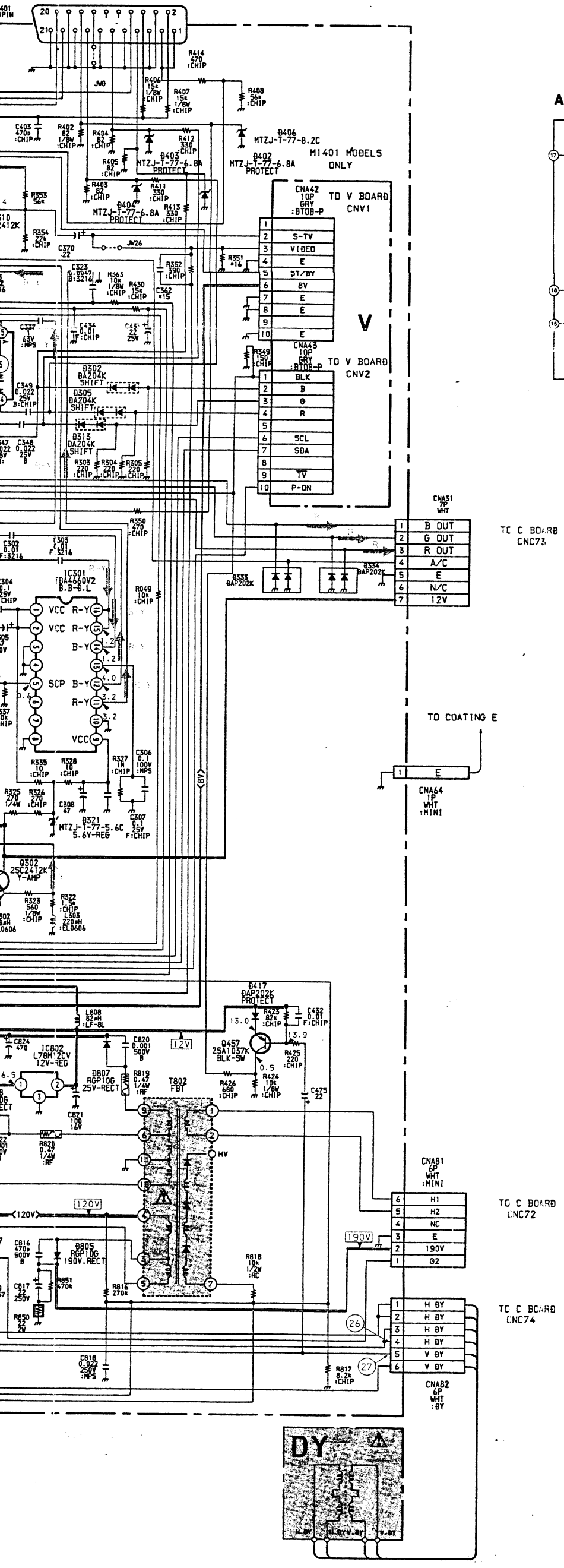
A BOARD WAVEFORMS

① 1.5 Vp-p (H)	② 1.2 Vp-p (H)	③ 0.38 Vp-p (H)	④ 7.5 Vp-p (H)
⑤ 2.4 Vp-p (H)	⑥ 2.5 Vp-p (H)	⑦ 2.5 Vp-p (H)	⑧ 0.6 Vp-p (H)
⑨ 0.6 Vp-p (H)	⑩ 0.24 Vp-p (H)	⑪ 750 Vp-p (H)	⑫ 12 Vp-p (H)
⑬ 250 Vp-p (H)	⑭ 3.4 Vp-p (H)	⑮ 2.0 Vp-p (V)	⑯ 2.5 Vp-p (V)
⑰ 1.5 Vp-p (V)	⑱ 2.2 Vp-p (V)	⑲ 50 Vp-p (V)	⑳ 1.7 Vp-p (H)
㉑ 5.2 Vp-p (V)	㉒ 2.0 Vp-p (V)	㉓ 1.8 Vp-p (H)	㉔ 2.8 Vp-p (H)
㉕ 1.7 Vp-p (10MHz)	㉖ 200 Vp-p (H)	㉗ 4.2 Vp-p (V)	

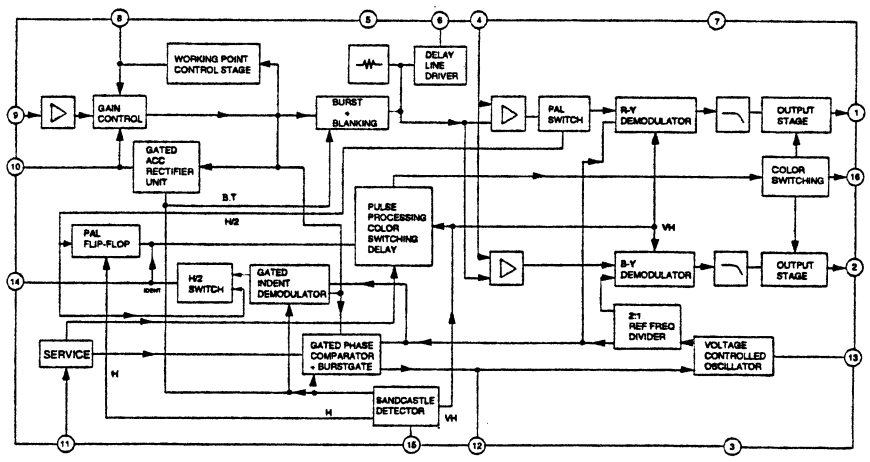

A
SYSTEM CONTROL
A/V OUT, H/V OUT
MEMORY CHROMA
IC003 KEY-C005V RECEIVER
IC004 L78LR05B 5V-REG
CHR. POS.
Q020 DTC124EK
Q019 DTA144EK COIN-AMP
Q017 2SA1037K COIN-AMP
IC002 S0A2546 MEMORY
Q001 2SC2412K STBY-AMP
IC001 PCA84C840P-016 CONTROLLER
Q003 DTC144EK BLK
Q004 2SC2412K BOS-AMP
Q016 DTA143EK LED-DRIVE
D004 DAP202K VOL-CTL
Q015 2SC2412K PIC-ABL
D009 MA3051
D008 MA3051 PROTECT
D002 SPR-54MVW INDICATOR
D519 DAN202K
S001 ANA +
S002 ANA SEL
S003 ANA -
IC005 HZT35-02RE 30V-REG
Q006 2SC2410S-TPN VC-AMP
Q007 2SC2412K STANDBY
A/L/E MODELS ONLY
TP15
D101 MTZJ-7.5C
Q101 DTA143EK
D102 MTZJ-7.5C
Q102 DTA143EK
D103 MTZJ-7.5C
Q103 DTA143EK
H-FREQ
H-CENT
IC502 TDA8304 IF/JUNGLE
Q505 2SA1037K
IC201 TDA7245 AF.OUT
CNA61 3P WHT :MINI
CNA62 4P WHT :VT
D601 KBU4JL-6088 AC-RECT
T601 SRT
D604 RGP-15J 120V-RECT
D602 ESIF-V1 PLS-CLIP
D603 GP08B DC-STOP
D605 RGP10G 21V-RECT
D606 ERA81-004 8V-RECT
D607 RGP10G REF.RECT
D608 RGP10G DC-STOP
D609 GP08B PROTECT
D610 GP08B PROTECT
IC601 STR54041 115V-REG
Q601 BC637-16 LIMITER
D611 RH-V1 PLS-CLIP
CNA21 2P GRY :MICRO
CNA22 5P WHT
SP EARTH
SP OUT
AUDIO IN
B-:SSBE2A<ENG>-A..-M140
AC IN 220V 50Hz
U/L MODEL
TO Q505
L502 6.8UH
CF501
Q106 2SC2412K CVBS-AMP
Q123 2SC2412K CVBS-AMP
Q107 2SA1037K CVBS-AMP

9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20

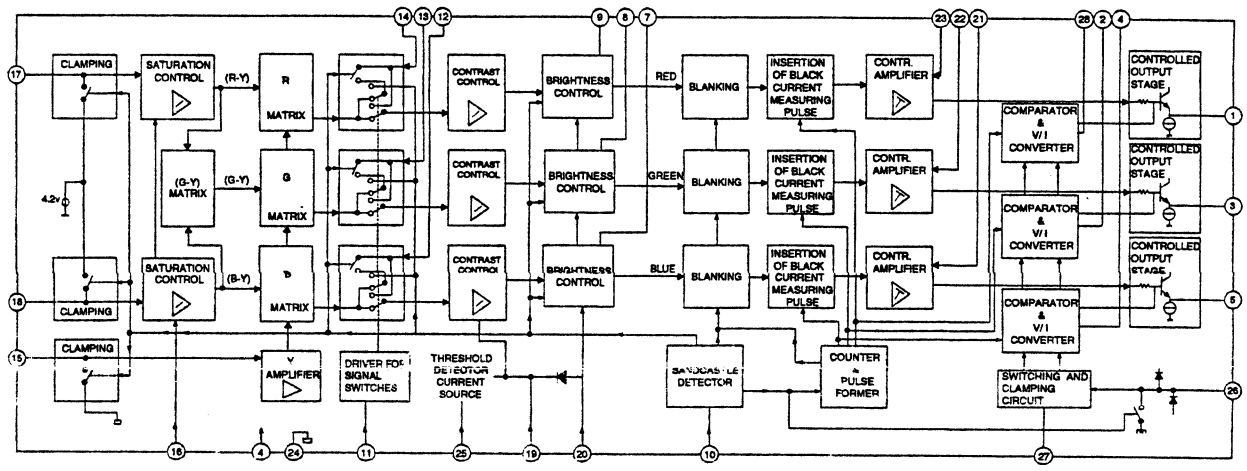



CNA42 10P GRY :BTOB-P
TO V BOARD CNV1
1 2 S-TV 3 VIDEO 4 E 5 BT/BY 6 BV 7 E 8 E 9 10 E
V
CNA43 10P GRY :BTOB-P
TO V BOARD CNV2
1 BLK 2 B 3 G 4 R 5 6 SCL 7 SDA 8 9 TV 10 P-ON
CNA31 7P WHT
1 B OUT 2 G OUT 3 R OUT 4 A/C 5 E 6 N/C 7 12V
TO C BOARD CNC73
TO COATING E
1 E
CNA64 1P WHT :MINI
CNA81 6P WHT :MINI
6 H1 5 H2 4 NC 3 E 2 190V 1 G2
TO C BOARD CNC72
CNA82 6P WHT :BY
1 H BY 2 H BY 3 H BY 4 H BY 5 V BY 6 V BY
TO C BOARD CNC74
M1401 MODELS ONLY
IC301 TDA4660V2 B.B-B.L
VCC R-Y B-Y SCP
IC832 L78M12CV 12V-REG
Q302 2SC2412K Y-AMP
Q457 2SA1037K BLK-SW
D807 RGP10G 25V-RECT
D821 MTZJ-T-77-5.6C 5.6V-REG
T802 FBT
HV
120V
190V
12V
8V
DY

A Board IC331 TDA4510-V8



A Board IC302 TDA3505-V1

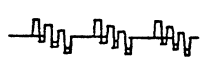
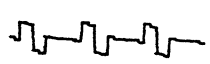
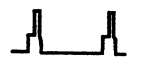
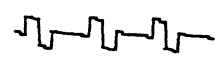
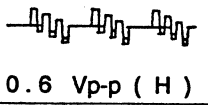
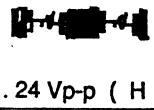
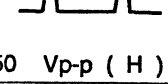
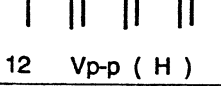
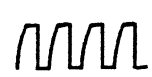
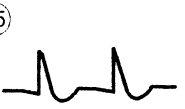
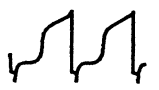
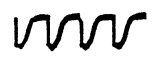
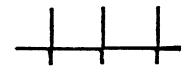
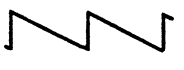


A Board
* Mark List

		M1400A	M1400E	M1400/M1401U	M1400L
*1	C112	100pF	100pF	82pF	47p
*2	C123	100pF	100pF	680pF	680p
*3	C527	0.01uF	0.0047uF	0.0047uF	0.0047uF
*4	C531	68pF	68pF	——	——
*5	C605	0.047uF	0.001uF	——	——
*6	C624	0.001uF	0.001uF	0.001uF	——
*7	C625	0.22uF	0.22uF	——	
*8	CD101	5.5MHz	5.5MHz	6MHz	6MHz
*9	CF501	5.5MHz	5.5MHz	6MHz	6MHz
*10	D104	DAN202K	——	——	——
*11	L105	10uH	——	JUMPER	JUMPER
*12	L107	12uH	12uH	10uH	10uH
*13	T603	LFT	LFT	JUMPER	JUMPER
*14	C162	——	——	——	47pF
*15	C362	——	——	100pF	——
*16	R351	560	1.5K	560	560
*17	R517	270	180	270	180
*18	R626	47K	——	——	——
*19	R627	47K	——	——	——
*20	C626	——	15pF	——	——
*21	C627	——	15pF	——	——
*22	L110	——	——	——	10uH
*23	R110	——	47K	47K	47K
*24	TU101	BT-3C	BT-3C	BT-3C421	BT-3U601
*25	XF501	5.5MHz	5.5MHz	6MHz	6MHz
*26	C518	——	——	——	82pF
*27	R133	——	——	——	2.2K

—— NOT MOUNTED

A BOARD WAVEFORMS

①  1.5 Vp-p (H)	②  1.2 Vp-p (H)	③ 0.38 Vp-p (H)	④  7.5 Vp-p (H)
⑤ 2.4 Vp-p (H)	⑥ 2.5 Vp-p (H)	⑦ 2.5 Vp-p (H)	⑧  0.6 Vp-p (H)
⑨  0.6 Vp-p (H)	⑩  0.24 Vp-p (H)	⑪  750 Vp-p (H)	⑫  12 Vp-p (H)
⑬ 250 Vp-p (H)	⑭  3.4 Vp-p (H)	⑮  2.0 Vp-p (V)	⑯  2.5 Vp-p (V)
⑰ 1.5 Vp-p (V)	⑱  2.2 Vp-p (V)	⑲ 50 Vp-p (V)	⑳ 1.7 Vp-p (H)
㉑  5.2 Vp-p (V)	㉒ 2.0 Vp-p (V)	㉓  1.8 Vp-p (H)	㉔ 2.8 Vp-p (H)
㉕ 1.7 Vp-p (10MHz)	㉖ 200 Vp-p (H)	㉗ 4.2 Vp-p (V)	

KV-M1400K / M1401K / M1400D/ M1401D SCHEMATIC

TO A1 BOARD

CNA12 2P — BO/BK, 12V — M1400K M1401K ONLY

A SYSTEM CONTROL, A/V OUT, H/V OUT, MEMORY CHROMA

12V

L111 ⌖18

IC003 KEY-C005V RECEIVER

IC004 L78L05CD-MA 5V-REG

CHR.POS.

Q017 2SA1037K COIN-AMP

Q019 DTA144EK COIN-AMP

Q020 DTC124EK

RV001 1k 1/10W

D008 MA3051 PROTECT

5V

Q004 2SC2412K BDS-AMP

D002 SPR-54MVK INDICATOR

X001 10MHz

Q003 DTC144EK BLK

Q018 0.01 F:CHIP

Q016 DTA143EK LED-DRIVE

L001 10uH :EL0606

D519 DAN202K

IC001 PCA84C840P-BE2A3 CONTROLLER

IC002 ST24C02CP MEMORY

Q001 2SC2412K STBY-AMP

JW116 OFF

JR050

Q004 DAP202K VOL-CTL

Q015 2SC2412K PIC-ABL

D009 MA3051

50HZ

ANA + / ANA SEL / ANA −

S001 S002 S003

Q006 2SC2410S-TPN VC-AMP

IC005 HZT33-02RE 30V-REG

Q007 2SC2412K STANDBY

12V 8V 5V 21V

H-FREQ H-CENT

JW4 ON

IC502 T0A8304B IF/JUNGLE

Q505 2SA1037K

D101 MTZJ-7.5C BAND-SW

Q101 DTA143EK BAND-VL

D102 MTZJ-7.5C BAND-SW

Q102 DTA143EK BAND-VH

D103 MTZJ-7.5C BAND-SW

Q103 DTA143EK BAND-U

D601 KBU4JL-6088 AC.RECT

JW175

T601 SRT

D604 RGP15J 120V-RECT

IC601 STR54041 115V-REG

D605 RGP10G 21V-RECT

D610 GP08B PROTECT

D606 ERA81-004 8V-RECT

D607 RGP10G REF.RECT

D609 GP08B PROTECT

Q601 BC637-16 LIMITER

D608 RGP10G BC-STOP

T604

D611 RZM-11 PROTECT

IC201 T0A7245 AF.OUT

S601

F401 4.0A

CNA61 5P WHT :MINI — 3 GC, 2 GC, 1 GC

CNA62 4P WHT — NC, AC IN, AC IN

AC IN 220V 50HZ

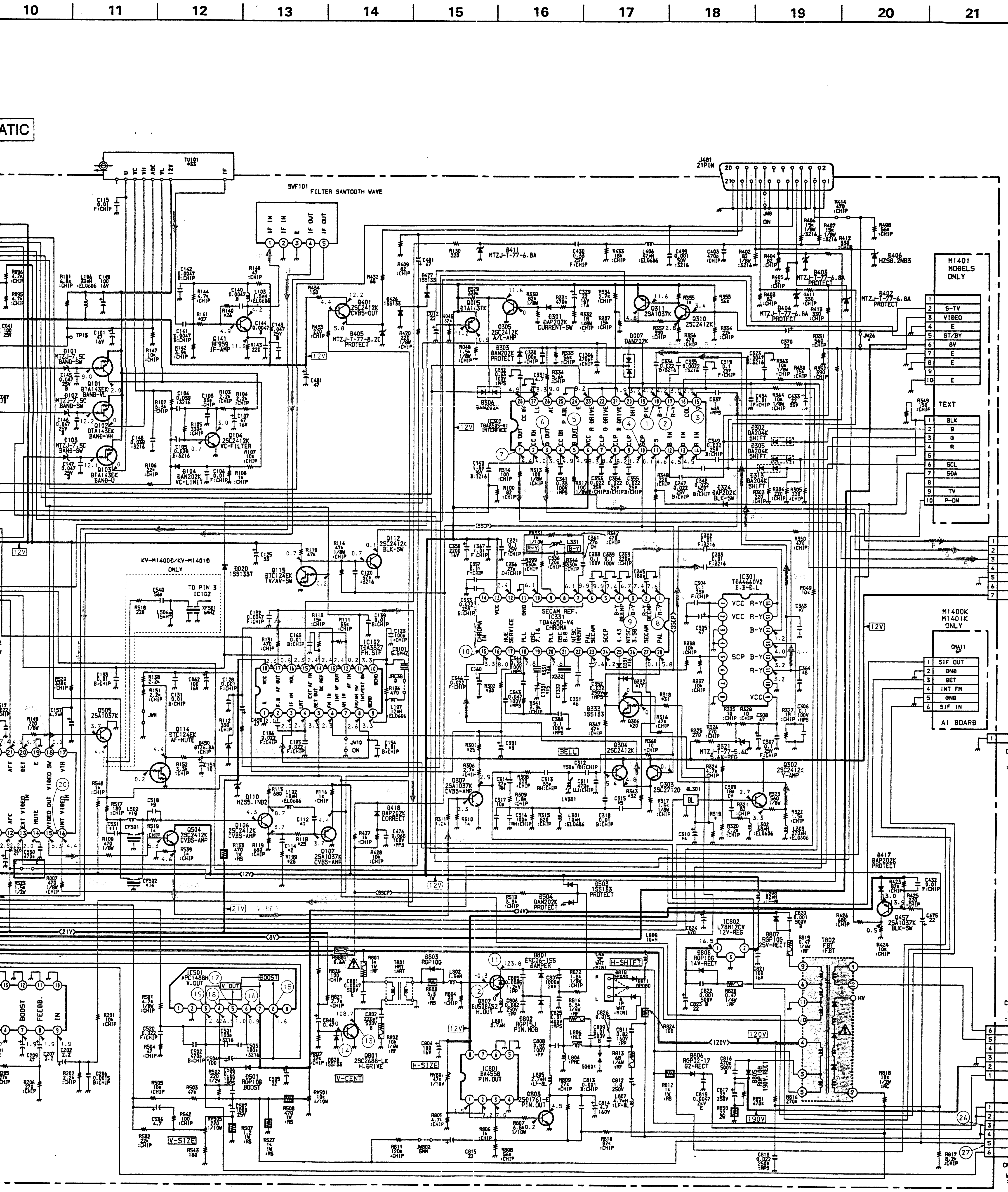
KV-M1400B/KV-M1401B ONLY

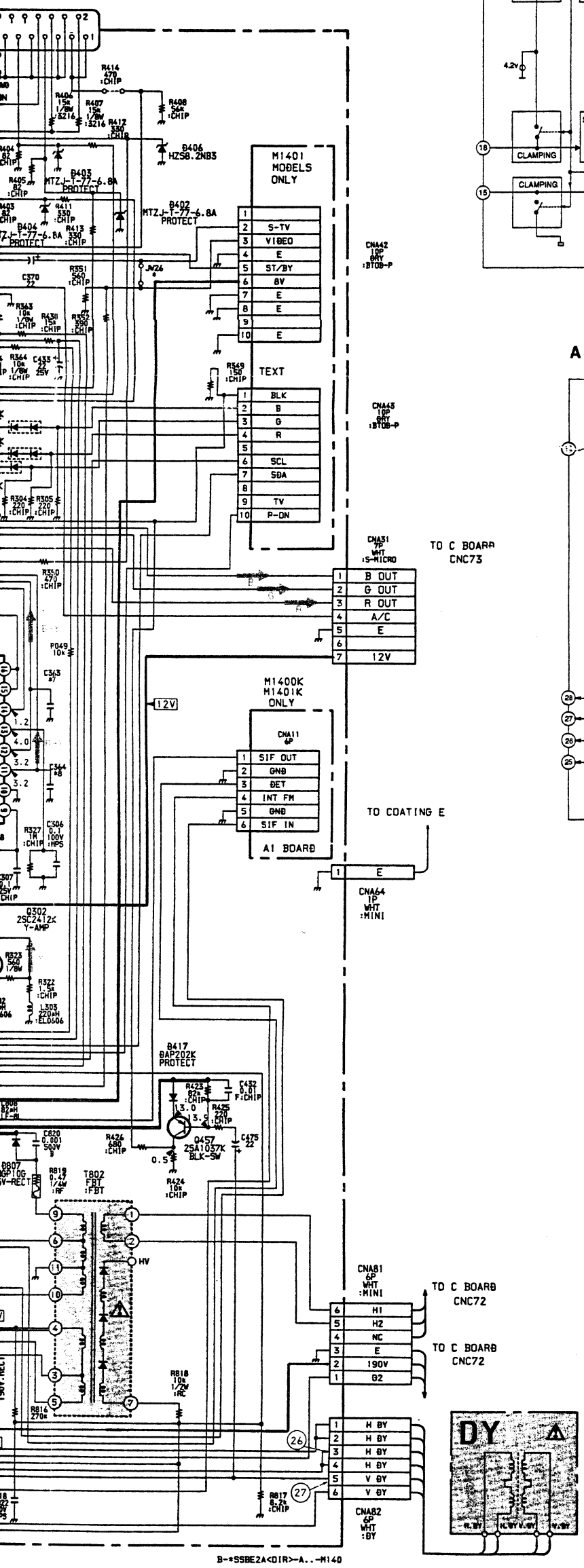
IC102

CNA21 2P GRY :MICRO — SP, E

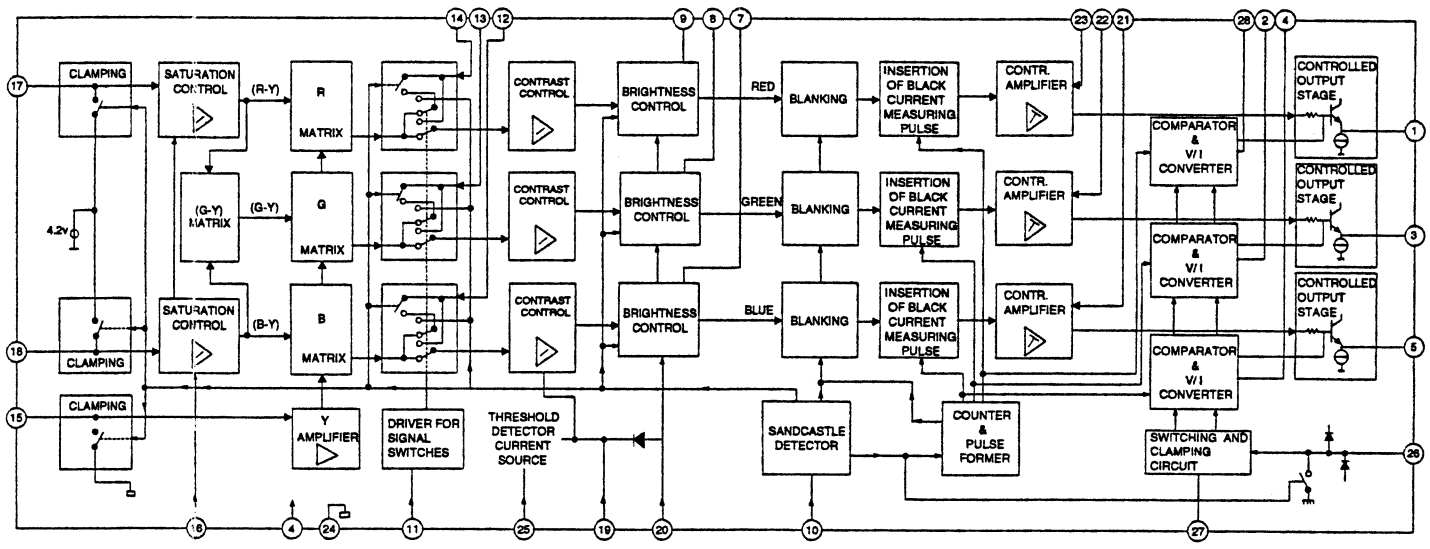
CNA22 5P WHT :S-MICRO — AUDIO IN, SP OUT, SP EARTH

ATIC

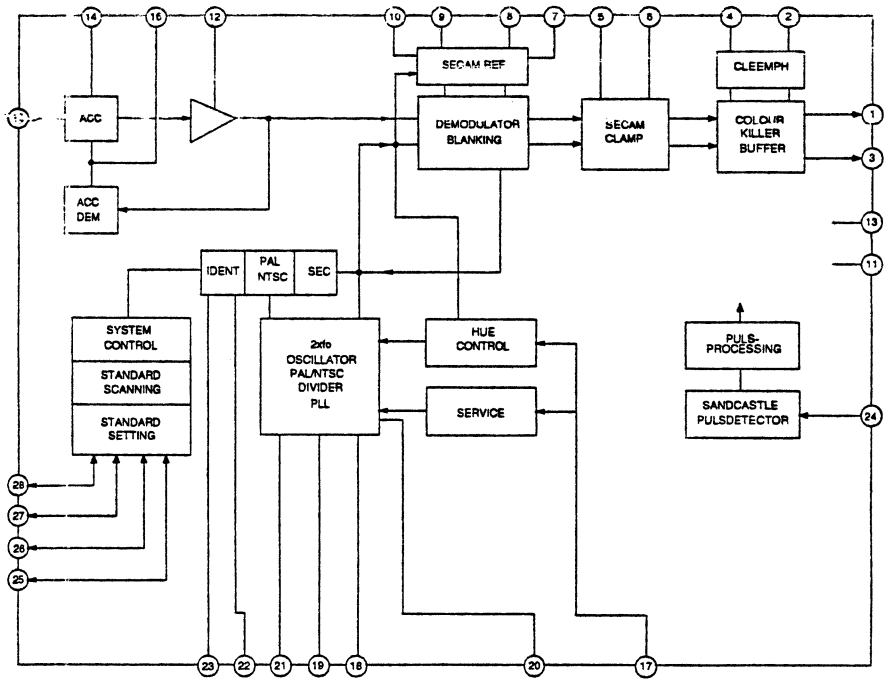

10
11
12
13
14
15
16
17
18
19
20
21
TU101 *53
U VC VH AGC VL 12V IF
SWF101 FILTER SAWTOOTH WAVE
IF IN IF IN E IF OUT IF OUT
J401 21PIN
Q141 BF959 IF-AMP
Q401 2SC2412K CVBS-OUT
D405 MTZJ-T-77-8.2C PROTECT
D411 MTZJ-T-77-6.8A
D406 HZS8.2NB3
D403 MTZJ-T-77-6.8A PROTECT
D404 MTZJ-T-77-6.8A PROTECT
D402 MTZJ-T-77-6.8A PROTECT
M1401 MODELS ONLY
S-TV
VIDEO
ST/BY
8V
TEXT
BLK
SCL
SDA
TV
P-ON
D101 MTZJ-7.5C BAND-SW
Q101 DTA143EK BAND-VL
D102 MTZJ-7.5C BAND-SW
Q102 DTA143EK BAND-VH
D103 MTZJ-7.5C BAND-SW
Q103 DTA143EK BAND-U
Q104 2SC2412K VC-FILTER
D104 DAN202K VC-LIMIT
Q305 2SC2412K A/C-AMP
D301 DAP202K CURRENT-SW
Q311 2SA1037K
Q310 2SC2412K
D007 DAN202K
D303 DAN202K PROTECT
D306 DAN202K
IC302 TBA3505-V1 INTERFACE
D302 DA204K SHIFT
D305 DA204K SHIFT
D313 DA204K SHIFT
D324 DAP202K BLK-SW
Q112 2SC2412K BLK-SW
Q115 DTC124EK TV/AV-SW
D020 1SS133T
KV-M1400D/KV-M1401D ONLY
TO PIN 3 IC102
IC102 TDA3827 FM.SIF
IC331 TDA4650-V4 CHROMA
SECAM REF.
IC301 TDA4660V2 B.B-D.L
M1400K M1401K ONLY
CNA11 6P
SIF OUT
GND
DET
INT FM
SIF IN
A1 BOARD
Q505 2SA1037K
Q114 DTC124EK AF-MUTE
D110 HZS5.1NB2
Q106 2SC2412K CVBS-AMP
Q107 2SA1037K CVBS-AMP
Q504 2SC2412K CVBS-AMP
D418 DAP202K CORRECT
Q307 2SA1037K CVBS-AMP
Q304 2SC2412K
Q303 2SC2712G
Q302 2SC2412K Y-AMP
BELL
D321 MTZJ-T-77-5.6C 5.6V-REG
D417 DAP202K PROTECT
Q457 2SA1037K BLK-SW
D503 1SS133 PROTECT
D504 DAN202K PROTECT
IC802 L78M12CV 12V-REG
D807 RGP10G 25V-RECT
D808 RGP10G 14V-RECT
T802 FBT :FBT
HV
IC501 μPC1488H V.OUT
BOOST
V OUT
D501 RGP10G BOOST
V-SIZE
V-CENT
Q801 2SC2688-LK H.DRIVE
D820 1SS133
T801 HRT :HRT
D803 RGP10G
D801 ERC06-15S DAMPER
Q802 2SD1761-E H.OUT
D802 RGP15J PIN.MOD
H-SHIFT
H-SIZE
IC801 BA4558 PIN.OUT
Q803 2SD1761-E PIN.OUT
D806 RGP02-17 G2-RECT
D805 RGP10G 190V.RECT
120V
190V
12V
21V
24V
8V
SSCP
B-*SSBE2A<DIR>-A..-M140



A Board IC302 TDA3505-V1



A Board IC331 TDA4650-V4



A BOARD WAVEFORMS

① 1.5 Vp-p (H)	② 1.2 Vp-p (H)	③ 0.38 Vp-p (H)	④ 7.5 Vp-p (H)
⑤ 2.4 Vp-p (H)	⑥ 2.5 Vp-p (H)	⑦ 2.5 Vp-p (H)	⑧ 0.6 Vp-p (H)
⑨ 0.6 Vp-p (H)	⑩ 0.24 Vp-p (H)	⑪ 750 Vp-p (H)	⑫ 12 Vp-p (H)
⑬ 250 Vp-p (H)	⑭ 3.4 Vp-p (H)	⑮ 2.0 Vp-p (V)	⑯ 2.5 Vp-p (V)
⑰ 1.5 Vp-p (V)	⑱ 2.2 Vp-p (V)	⑲ 50 Vp-p (V)	⑳ 1.7 Vp-p (H)
㉑ 5.2 Vp-p (V)	㉒ 2.0 Vp-p (V)	㉓ 1.8 Vp-p (H)	㉔ 2.8 Vp-p (H)
㉕ 1.7 Vp-p (10MHz)	㉖ 200 Vp-p (H)	㉗ 4.2 Vp-p (V)	

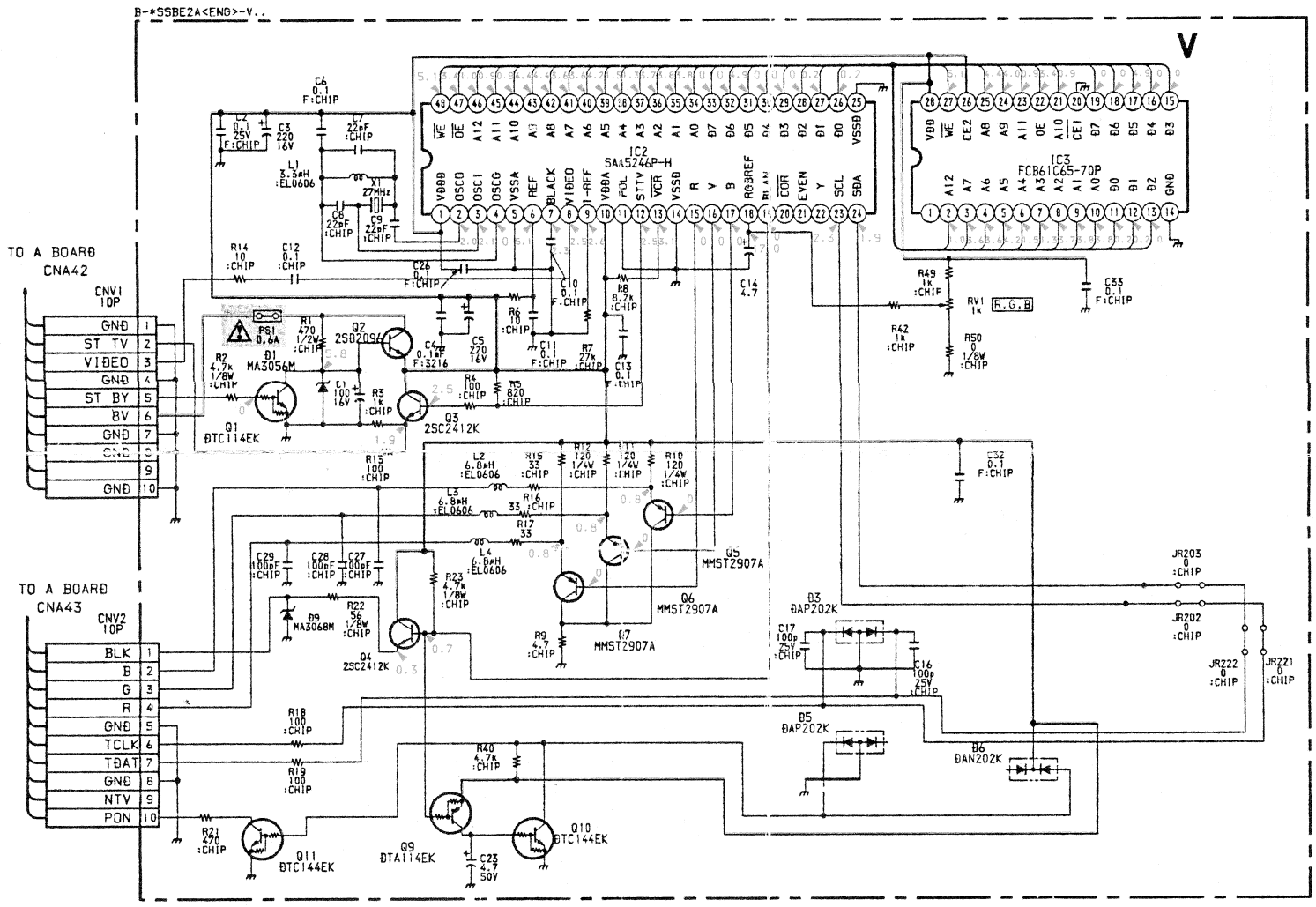
A Board * Mark List

		M1400/1401K	M1400/1401D
*1	C112	47pF	220pF
*2	C114	330pF	47pF
*3	C301	10MF	——
*4	C310	33MF	JUMPER
*5	C315	68pF	——
*6	C351	0.022MF	——
*7	C363	680pF	——
*8	C364	680pF	——
*9	C518	100pF	——
*10	C527	0.01MF	——
*11	C531	——	68pF
*12	C626	15pF	——
*13	C627	15pF	——
*14	CF502	TRAP 6.5Mhz	——
*15	CT331	CAP ADJ	JUMPER
*16	D331	1SS119	——
*17	D332	1SS119	——
*18	L111	10uH	——
*19	L502	4.7uH	8.2uH
*20	Q306	DTC124EK	——
*21	R070	1.8K	——
*22	R071	3.9K	——
*23	R086	4.7K	——
*24	R089	3.9K	——
*25	R118	330	270
*26	R140	330	680
*27	R141	68	150
*28	R199	150	2.2K
*29	R301	15K	——
*30	R302	220	——
*31	R318	47K	——
*32	R343	180	——
*33	TU101	BT-3C 301	BT-3C 421
*34	X331	OSCILLATOR	JUMPER
*35	C605		0.001MF
*36	C698	——	330pF
*37	R626	——	47K
*38	R627	——	47K
*39	R629	——	330

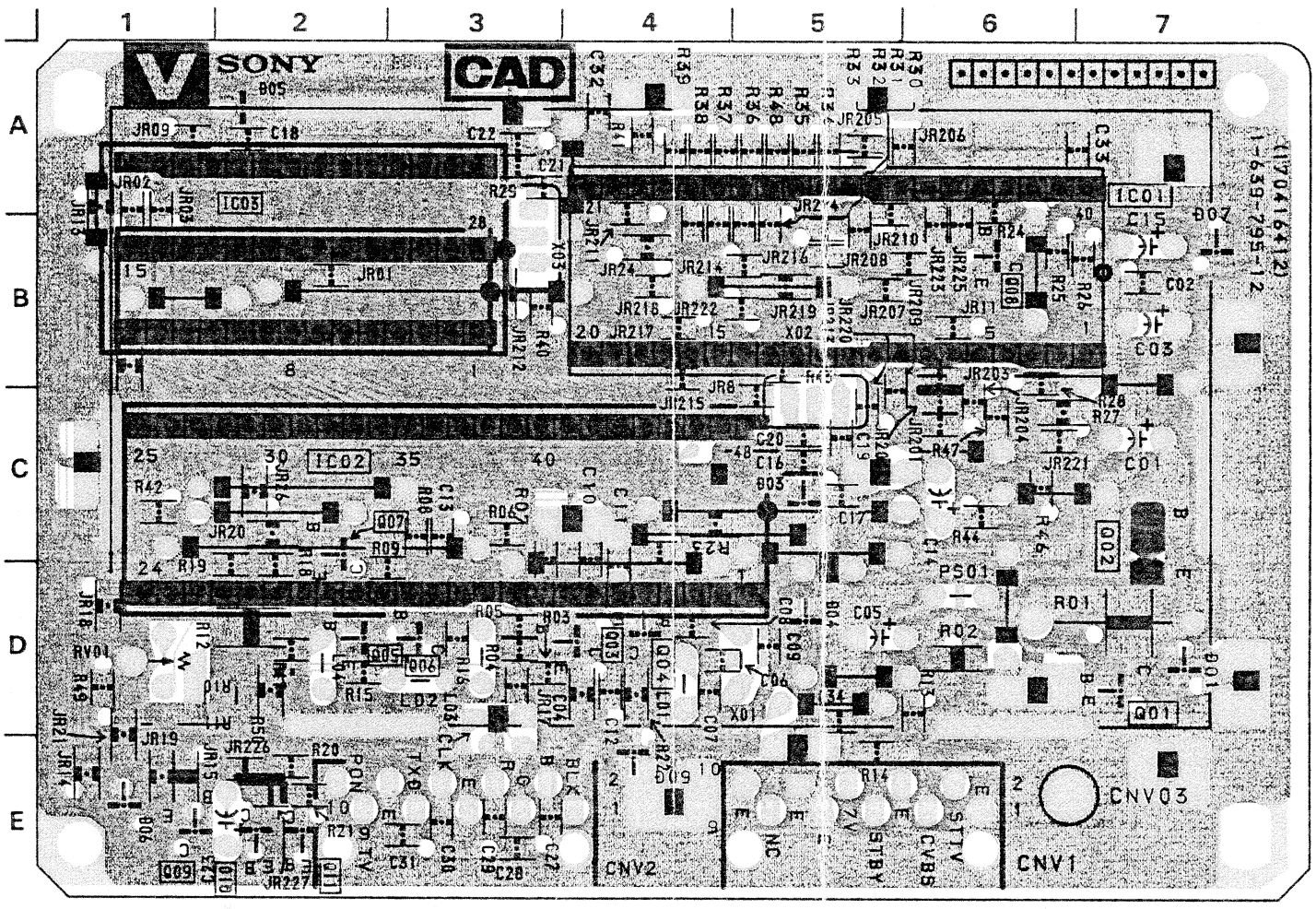
—— NOT MOUNTED

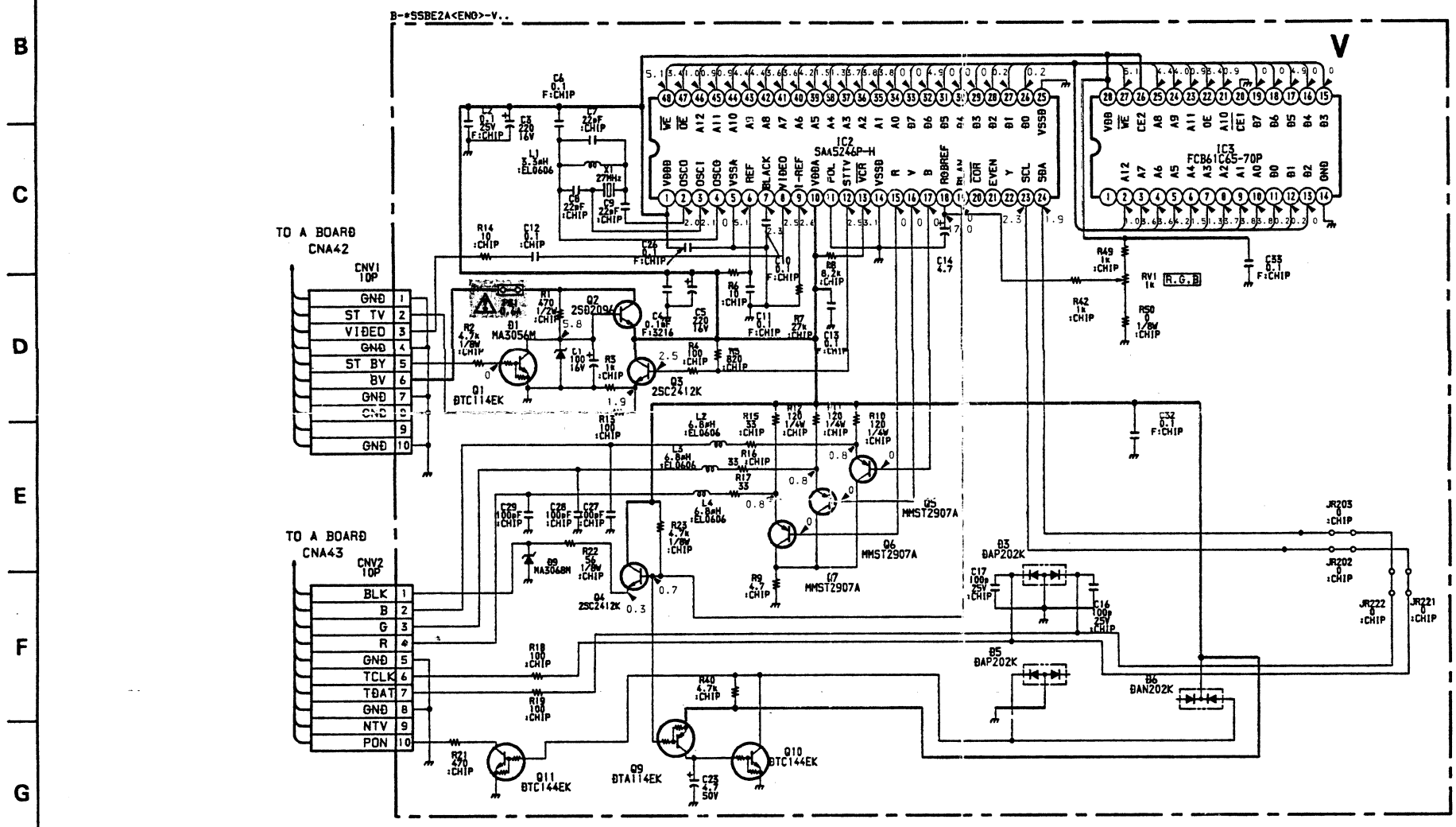
B-*SSBE2A<ENG>-V..

V

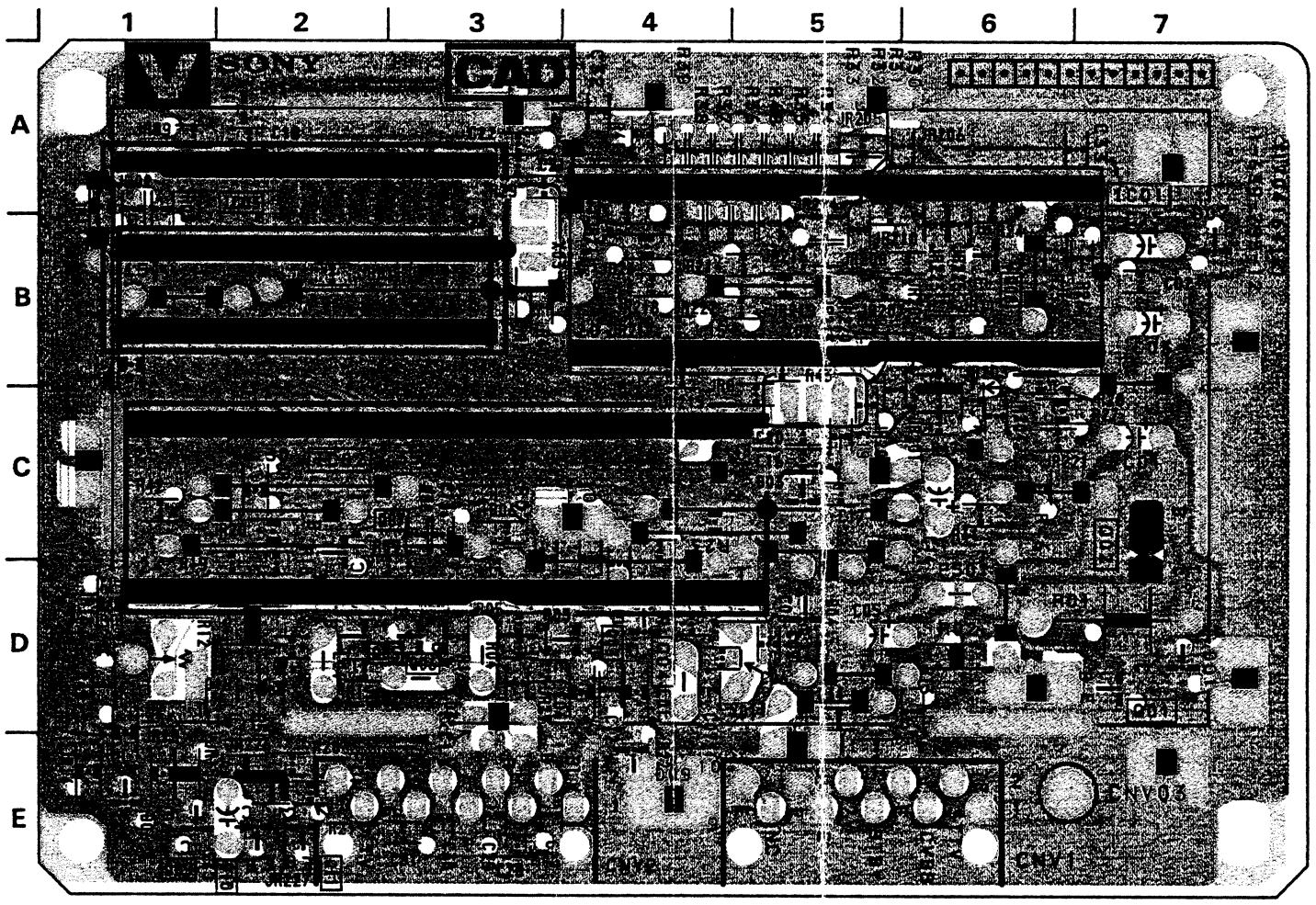


- V Board -



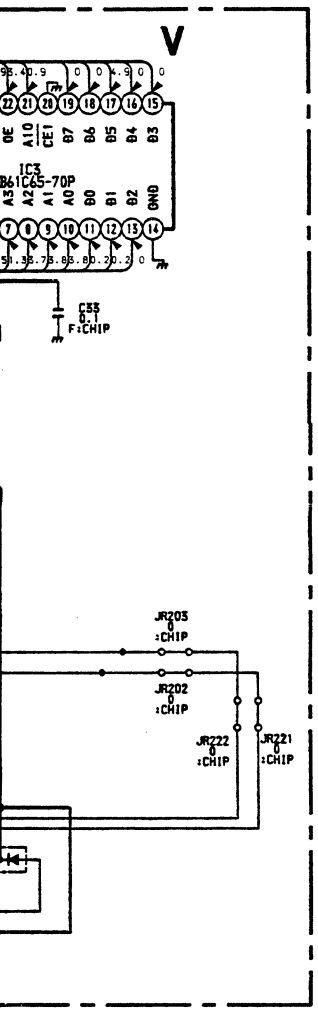

B-*5SBE2A<ENG>-V..
V
TO A BOARD
CNA42
CNV1
10P
GND 1
ST TV 2
VIDED 3
GND 4
ST BY 5
BV 6
GND 7
GND 8
9
GND 10
IC2
SAA5246P-H
IC3
FCB61C65-70P
Q1
BTC114EK
Q2
2SB709A
Q3
2SC2412K
Q4
2SC2412K
Q5
MMST2907A
Q6
MMST2907A
Q7
MMST2907A
Q8
MA3068M
Q9
BTA114EK
Q10
BTC144EK
Q11
BTC144EK
D1
MA3054M
D3
BAP202K
D5
BAP202K
D6
BAN202K
RV1
1k
R.G.B
TO A BOARD
CNA43
CNV2
10P
BLK 1
B 2
G 3
R 4
GND 5
TCLK 6
TDAT 7
GND 8
NTV 9
PON 10
JR203
JR202
JR222
JR221

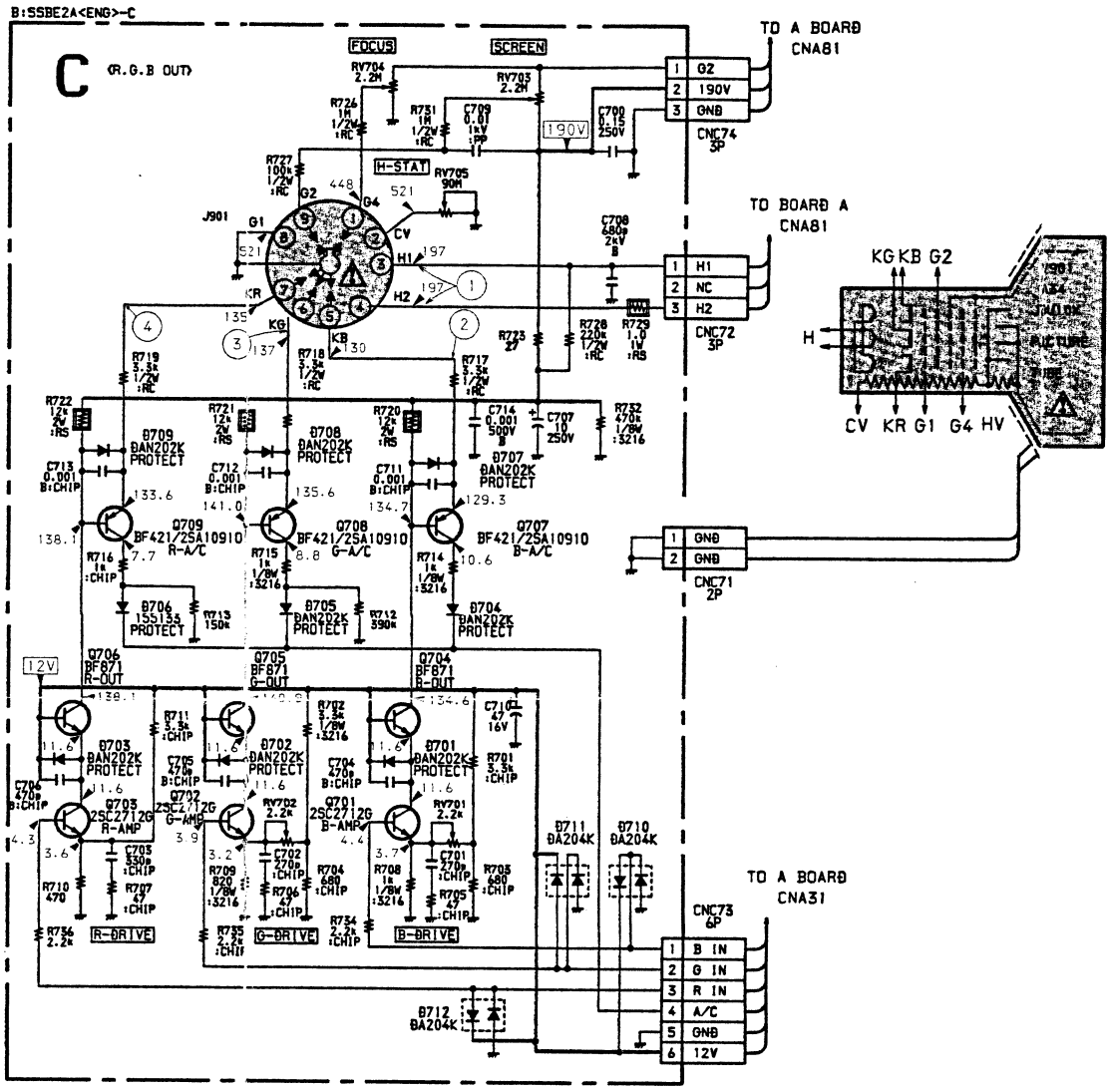
- V Board -


SONY
CAD
CNV1
CNV2
CNV3

C R, G, B OUT

9 10 11 12 13 14 15 16 17 18 19 20

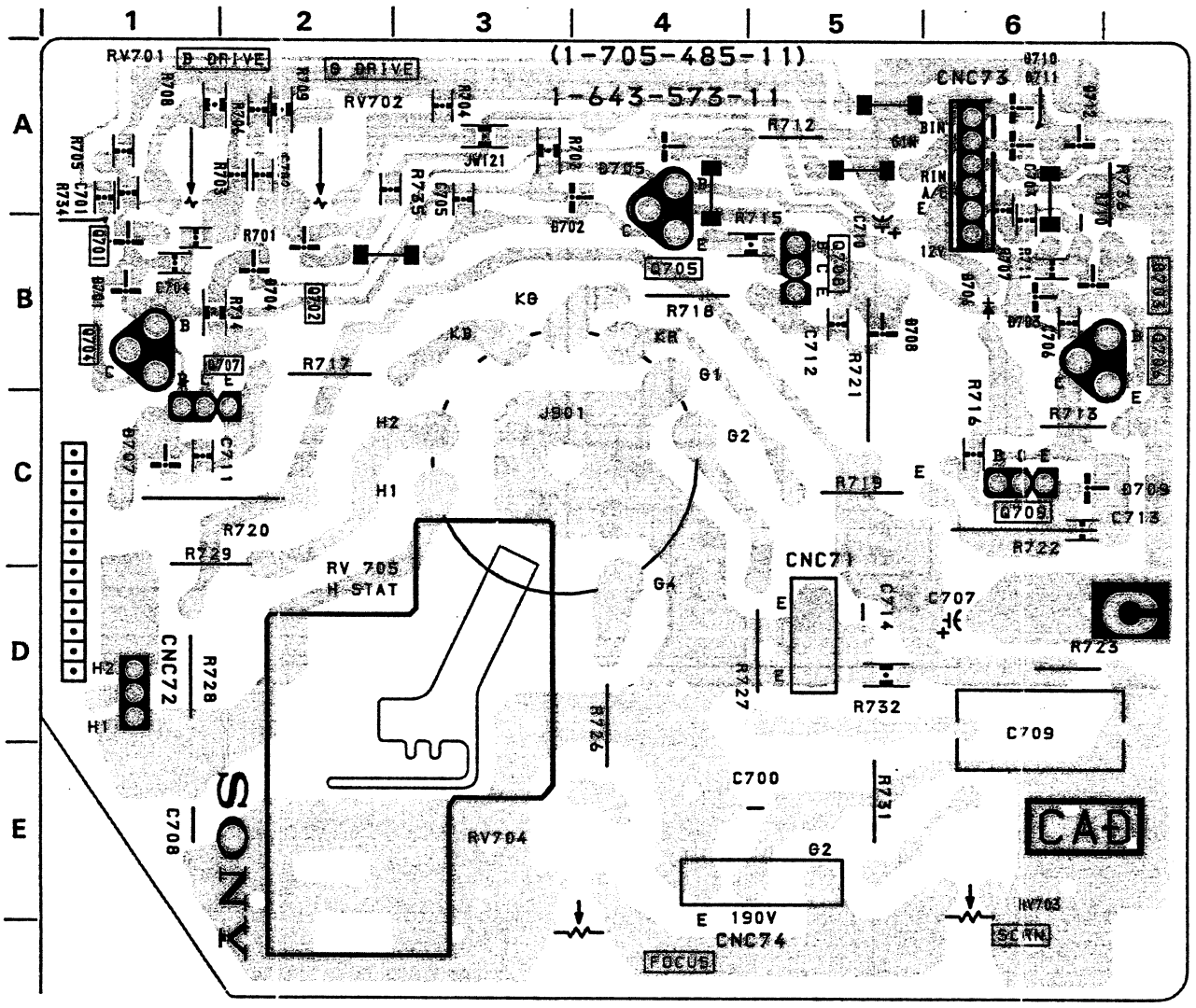




C BOARD WAVEFORMS

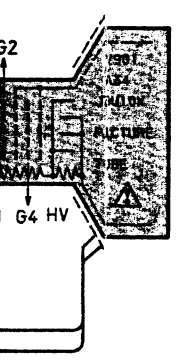
① 25 Vp-p (H)	② 68 Vp-p (H)	③ 70 Vp-p (H)
④ 76 Vp-p (H)		

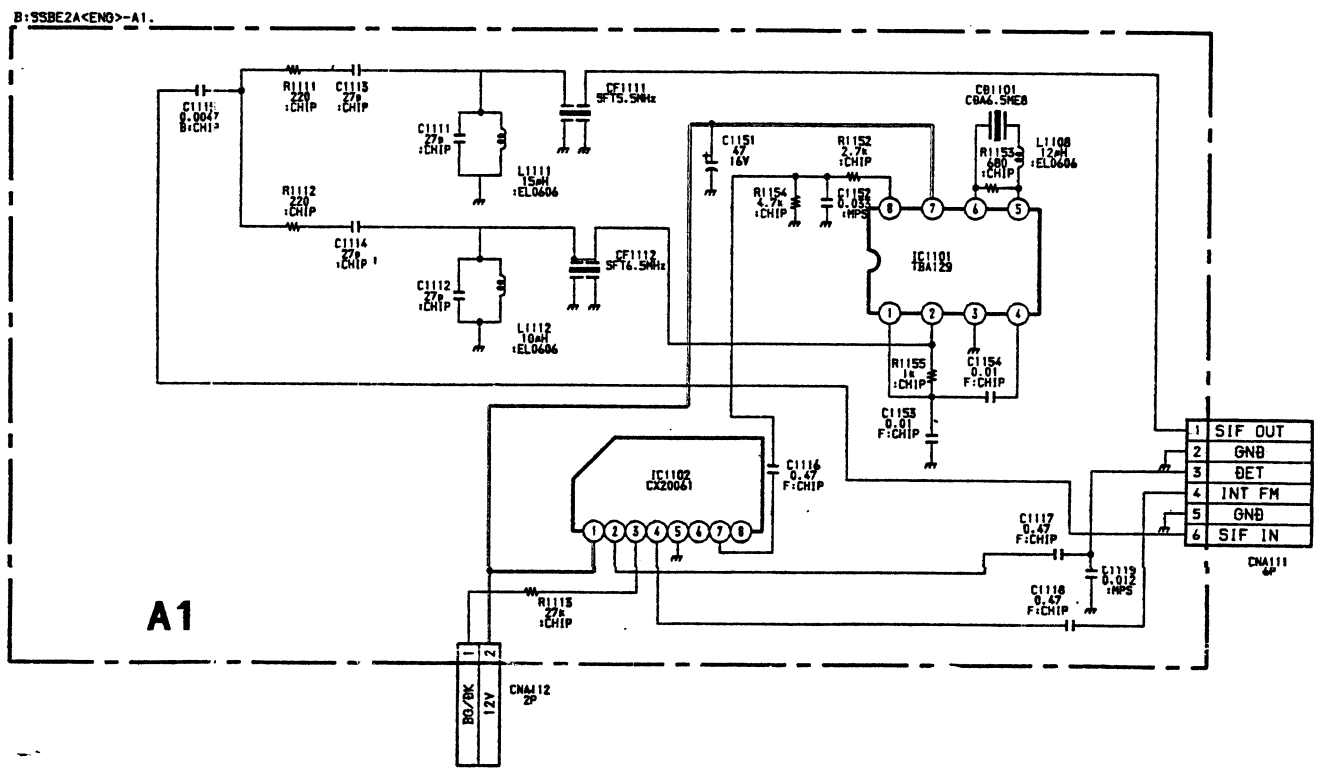
- C Board -

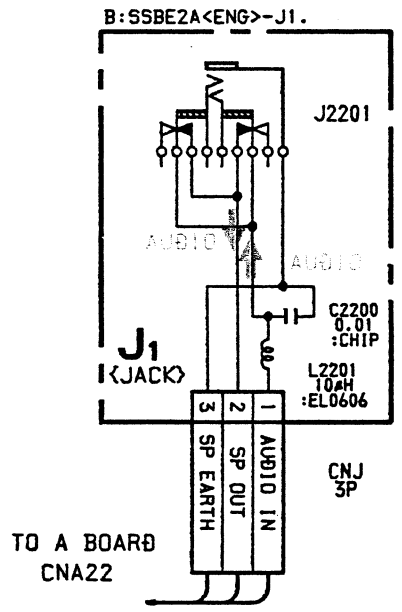


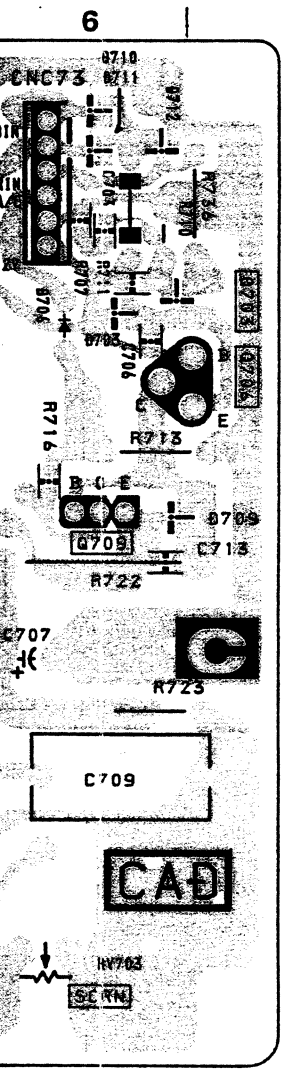
J1 JACK A1

18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28

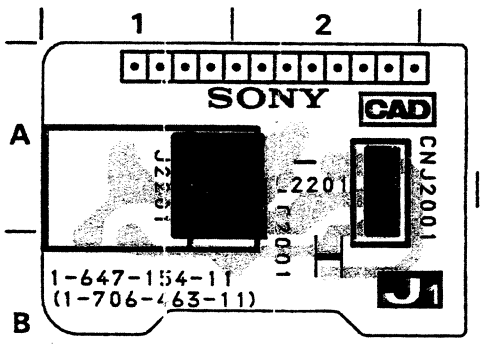




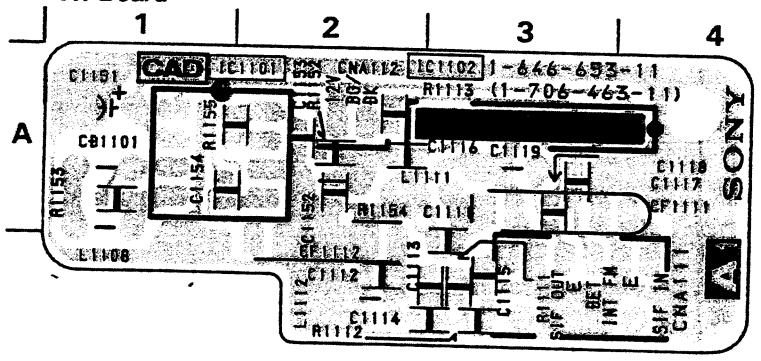




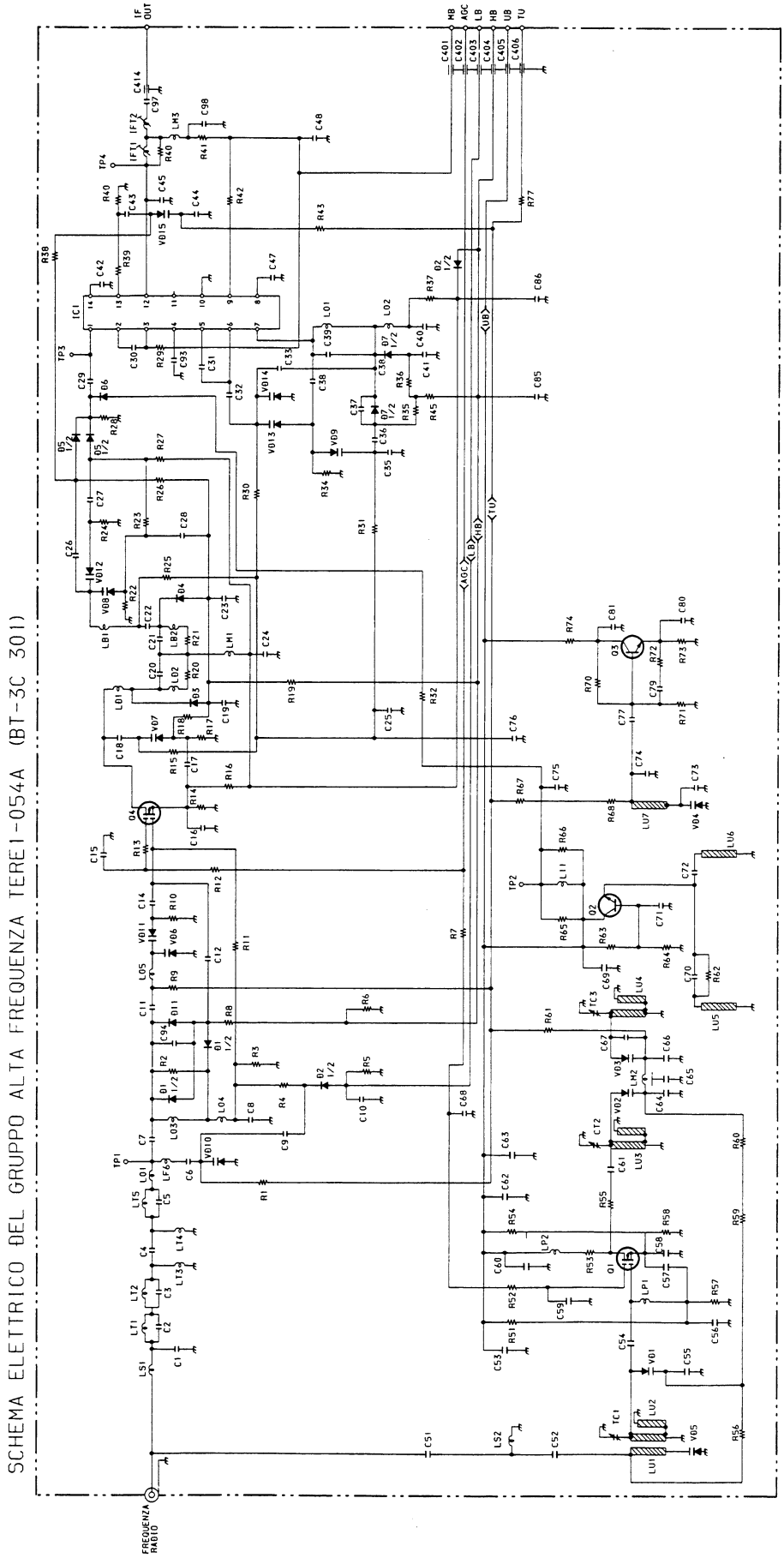
- J1 Board -



- A1 Board -

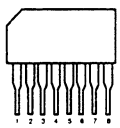


SCHEMA ELETTRICO DEL GRUPPO ALTA FREQUENZA TERE1-054A (BT-3C 301)

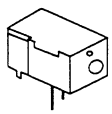


5-4. SEMICONDUCTORS

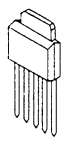
CX20061



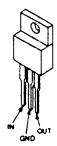
KEY-C00SV-F



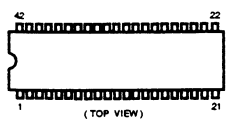
L78LR05D-MA



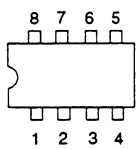
L78M12CV
MSF78M12L



PCA84C840P-011

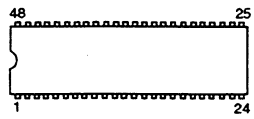


RC4558P
ST24C02CP
TBA129



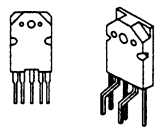
(Top view)

SAA5246P/E

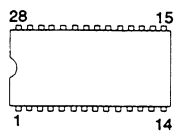


(Top view)

STR54041

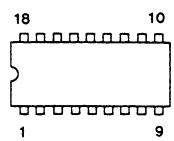


TDA3505-V1
FCB61C65-70P
TDA4650-V4



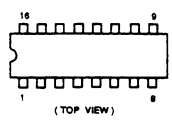
(Top view)

TDA3827-V3
TDA7245

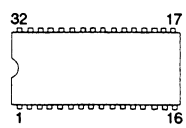


(Top view)

TDA4660V2

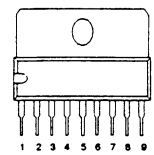


TDA8304

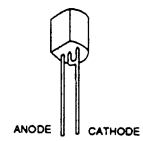


(Top view)

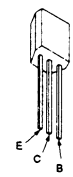
UPC1488H



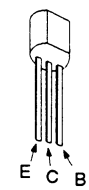
UPC574J



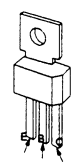
BC637-16



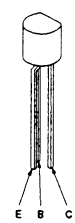
BF421
2SA1091-0



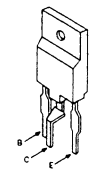
BF871



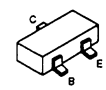
BF959



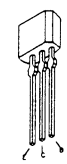
BU508AS2



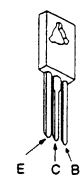
DTA114EK
DTA143EK
DTA143TK
DTA144EK
DTC114EK
DTC124EK
DTC144EK
MMST2907A
2SA1037K
2SA1162G
2SB1295-UL6
2SC1623-L5L6
2SB1295-UL6
2SC2412K
2SC2712YG



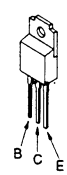
2SC2410SN



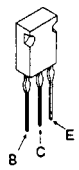
2SC2688-LK



2SD1408-Y



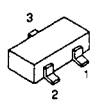
2SD2096-EF



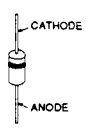
DAN202K
MA152WK

DA204K
1SS226

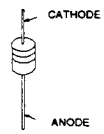
DAP202K
1S2836



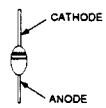
UZ-5.1BSB
RGP02-17
RGP10G
RU-3AM
ERC06-15S
R2M



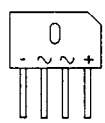
ERA83-006
RD5.1ES-B2
RD5.6ES-B2
RD6.8ES-B2
RD8.2ES-B3
1SS168
UZ-4.7BSC
HZS5.1NB2
HZS7.5NB3
HZS8.2NB3



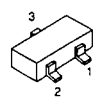
GP08D
U05G



KBU4JL-6088
RBV-406H-01



MA3051
MA3056M
MA3068M
RD5.1M-B2
RD5.6M-B2
RD6.8M-B2



SPR-54MVW

1 ANODE RED
2 CATHODE
3 ANODE GREEN

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

SECTION 6
EXPLODED VIEWS

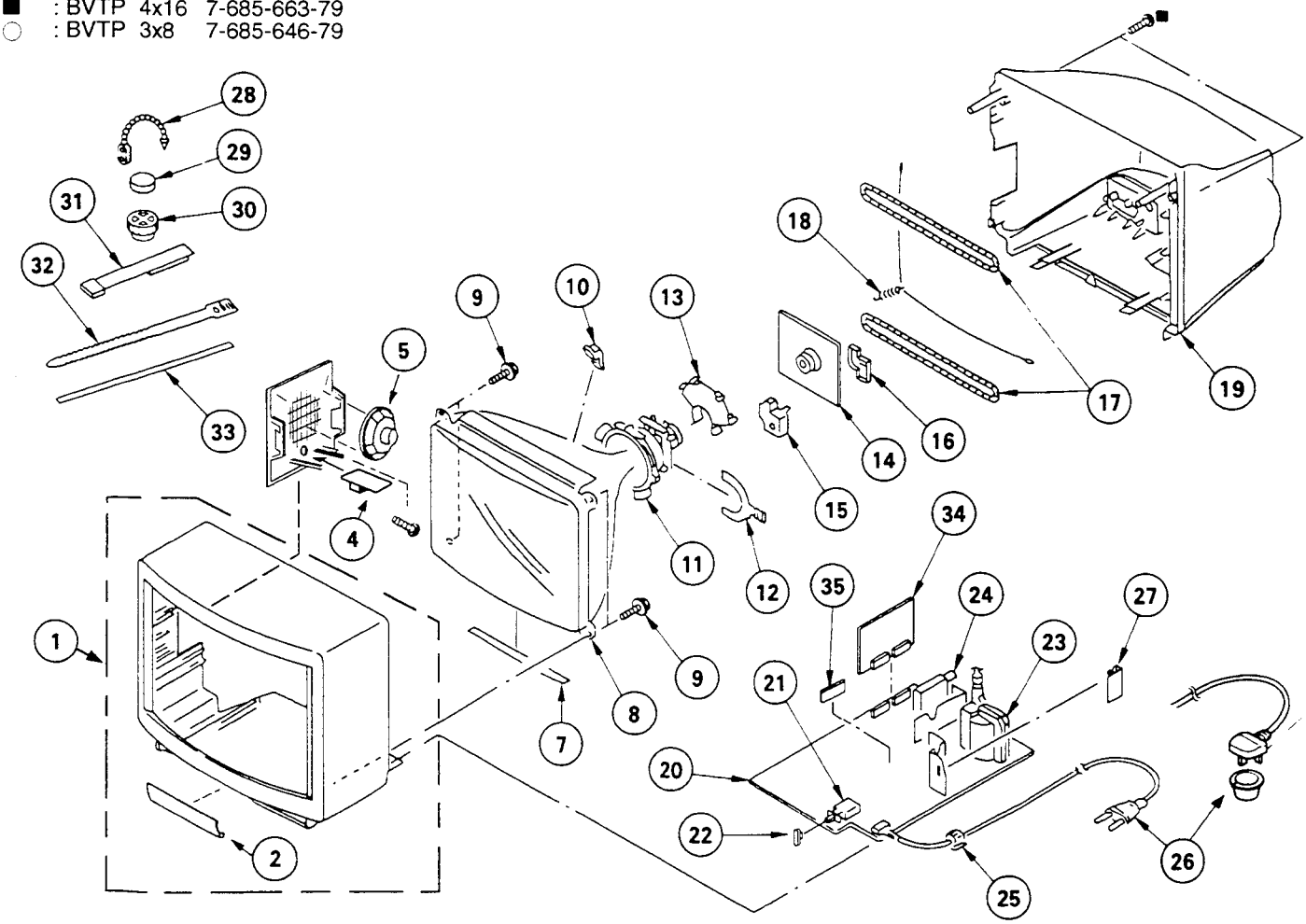
NOTE :

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

6-1. CHASSIS

● : BVTP 3x12 7-685-648-79
■ : BVTP 4x16 7-685-663-79
○ : BVTP 3x8 7-685-646-79



REF.NO.	PART NO	DESCRIPTION	REMARK
1	X-4200-126-1	CABINET,ASSY [BLACK] KV-M1400U,KV-M1401U KV-M1400D,KV-M1401D KV-M1400K,KV-M1401K KV-M1400L	
	X-4200-124-1	CABINET,ASSY [BLACK] KV-M1400A,KV-M1400B KV-M1400E	
	X-4200-126-2	CABINET,ASSY [WHITE] KV-M1400U,KV-M1401U KV-M1400D	
2	4-202-311-01	WINDOW,ORNAMENTAL KV-M1400U,KV-M1401U KV-M1400D,KV-M1401D KV-M1400K,KV-M1401K KV-M1400L	
	4-202-298-01	WINDOW,ORNAMENTAL KV-M1400A,KV-M1400B KV-M1400E	

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

REF.NO.		PART NO	DESCRIPTION	REMARK
4	*	1-647-154-11	J1, BOARD	
5		1-544-374-11	SPEAKER	
7		4-389-350-01	CUSHION, CRT	
8	⚠	8-735-555-05	PICTURE TUBE [A34JBU10X]	
9		4-365-808-01	SCREW [S], TAPPING	
10		3-704-495-01	SPACER, DY	
11	⚠	1-451-249-31	DEFLECTION, YOKE [Y14NDA2]	
12		1-452-277-00	MAGNET, BMC	
13	*	4-385-422-01	HOLDER, LEAD	
14	*	A-1638-022-A	C BOARD, COMPLETE	KV-M1400K,KV-M1401K KV-M1400D,KV-M1401D KV-M1400U,KV-M1401U KV-M1400L
	*	A-1638-035-A	C BOARD, COMPLETE	KV-M1400B,KV-M1400E KV-M1400A
15	*	4-374-912-01	COVER [MAIN], CV VOL	
16	*	4-374-913-01	COVER [REAR LID], CV VOL	
17	⚠	1-426-145-21	COIL, DEGAUSSING	
18		4-369-318-00	SPRING, TENSION	
19		4-202-331-01	COVER, REAR [BLACK]	KV-M1400K,KV-M1401K KV-M1400D,KV-M1401D KV-M1400U,KV-M1401U KV-M1400L
		4-202-304-01	COVER, REAR [BLACK]	KV-M1400B,KV-M1400E KV-M1400A
		4-202-331-11	COVER, REAR [WHITE]	KV-M1400U,KV-M1401U KV-M1400D
20	*	A-1632-130-A	A BOARD, COMPLETE [KV-M1400A]	
	*	A-1632-125-A	A BOARD, COMPLETE [KV-M1400B]	
	*	A-1632-128-A	A BOARD, COMPLETE [KV-M1400D]	
	*	A-1632-127-A	A BOARD, COMPLETE [KV-M1401D]	
	*	A-1632-129-A	A BOARD, COMPLETE [KV-M1400E]	
	*	A-1632-134-A	A BOARD, COMPLETE [KV-M1400K]	
	*	A-1632-133-A	A BOARD, COMPLETE [KV-M1401K]	
	*	A-1632-132-A	A BOARD, COMPLETE [KV-M1400L]	
	*	A-1632-126-A	A BOARD, COMPLETE [KV-M1400U]	
	*	A-1632-112-A	A BOARD, COMPLETE [KV-M1401U]	
21	⚠	1-571-433-12	SWITCH, PUSH [AC POWER]	
22		4-202-329-01	BUTTON, POWER [BLACK]	
		4-202-329-11	BUTTON, POWER [WHITE]	
23	⚠	1-439-432-11	TRANSFORMER ASSY, FLYBACK[UX-1620]	
24		1-465-541-14	TUNER [BT-3C]	KV-M1400A,KV-M1400B KV-M1400E,KV-M1400K KV-M1401K
		1-693-093-11	TUNER [BT-3C421]	KV-M1400D,KV-M1401D KV-M1400L
		1-465-542-13	TUNER [BT-3U601]	KV-M1400U,KV-M1401U
25	⚠	4-389-201-03	HOLDER, AC CORD	KV-M1400K,KV-M1401K KV-M1400D,KV-M1401D KV-M1400U,KV-M1401U KV-M1400L
	⚠	4-389-201-11	HOLDER, AC CORD	KV-M1400A,KV-M1400B KV-M1400E
26	⚠	1-690-296-11	CORD, POWER [WITH NOISE FILTER]	KV-M1400A
	⚠	1-590-501-11	CORD, POWER [WITH NOISE FILTER]	KV-M1400D,KV-M1401D
	⚠	1-590-460-11	CORD, POWER [WITH CONNECTOR]	KV-M1400K,KV-M1401K KV-M1400E
	⚠	1-690-270-11	CORD, POWER [WITH CONNECTOR]	KV-M1400B
	⚠	1-590-762-11	CORD, POWER [WITH PLUG]	KV-M1400U,KV-M1401U KV-M1400L
27	*	4-200-400-01	PLATE,INSULATION	
28		4-308-870-00	CLIP, LEAD WIRE	
29		1-452-032-00	MAGNET, DISK;10MM	
30		1-452-094-00	MAGNET, ROTATABLE DISK;15MM	
31		X-4309-608-0	PERMALLOY ASSY, CONVERGENCE	
32		3-701-007-00	BAND, BINDING	
33	*	3-847-356-02	CLAMP	
34	*	A-1645-017-A	V BOARD, COMPLETE	KV-M1401D,KV-M1401U
	*	A-1645-020-A	V BOARD, COMPLETE	KV-M1401K
35	*	A-1630-147-A	A1 BOARD, COMPLETE	KV-M1400K,KV-M1401K

ELECTRICAL PARTS LIST

SECTION 7

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

- All resistors are in ohms
- F : nonflammable

When indicating parts by reference number, please include the board name.

CAPACITORS MF : μF, PF : μμF
COILS MMH : mH, UH : μH

A1 KV-M1400K KV-M1401K
A KV-M1400K / M1401K KV-M1400D / M1401D

REF.NO.	PART NO.	DESCRIPTION	REMARK
	*A-1630-147-A	A1 BOARD, COMPLETE (M1400K/M1401K ONLY)	
		**********	
		<CONNECTOR>	
CNA111	*1-568-877-51	PIN, CONNECTOR 2P	
CNA112	*1-573-787-11	SOCKET, CONNECTOR 6P	
		<CAPACITOR>	
C1111	1-163-103-00	CERAMIC CHIP 27PF 5%	50V
C1112	1-163-103-00	CERAMIC CHIP 27PF 5%	50V
C1113	1-163-103-00	CERAMIC CHIP 27PF 5%	50V
C1114	1-163-103-00	CERAMIC CHIP 27PF 5%	50V
C1115	1-163-017-00	CERAMIC CHIP 0.0047MF 10%	50V
C1116	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C1117	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C1118	1-164-005-11	CERAMIC CHIP 0.47MF	25V
C1119	1-106-369-00	MYLAR 0.012MF 10%	400V
C1151	1-124-477-11	ELECT 47MF 20%	16V
C1152	1-106-379-12	MYLAR 0.033MF 10%	250V
C1153	1-164-232-11	CERAMIC CHIP 0.01MF 10%	50V
C1154	1-164-232-11	CERAMIC CHIP 0.01MF 10%	50V
		<FILTER>	
CD1101	1-404-710-11	DISCRIMINATOR, CERAMIC	
CF1111	1-527-840-00	FILTER, CERAMIC	
CF1112	1-567-570-11	FILTER, CERAMIC	
		<IC>	
IC1101	8-759-003-90	IC TBA129	
IC1102	8-752-006-12	IC CX20061	
		<COIL>	
L1108	1-408-410-00	INDUCTOR 12UH	
L1111	1-408-411-00	INDUCTOR 15UH	
L1112	1-408-409-00	INDUCTOR 10UH	
		<RESISTOR>	
R1111	1-216-033-00	METAL GLAZE 220 5%	1/10W
R1112	1-216-033-00	METAL GLAZE 220 5%	1/10W
R1113	1-216-083-00	METAL GLAZE 27K 5%	1/10W
R1152	1-216-059-00	METAL GLAZE 2.7K 5%	1/10W
R1153	1-216-045-00	METAL GLAZE 680 5%	1/10W
R1154	1-216-065-00	METAL GLAZE 4.7K 5%	1/10W
R1155	1-216-049-00	METAL GLAZE 1K 5%	1/10W
		**********	
	*A-1632-134-A	A BOARD, COMPLETE (KV-M1400K)	
		**********	
	*A-1632-133-A	A BOARD, COMPLETE (KV-M1401K)	
		**********	
	*A-1632-128-A	A BOARD, COMPLETE (KV-M1400D)	
		**********	
	*A-1632-127-A	A BOARD, COMPLETE (KV-M1401D)	
		**********	
TP15	*1-535-084-00	1P TERMINAL PIN	
	*4-200-399-01	SPACER, IC	
	*4-200-407-01	HOLDER, LED	
		<CAPACITOR>	
C001	1-126-101-11	ELECT 100MF 20%	16V
C002	1-106-220-00	MYLAR 0.1MF 10%	100V
C003	1-163-031-11	CERAMIC CHIP 0.01MF	50V
C004	1-123-382-00	ELECT 3.3MF 20%	50V
C005	1-126-103-11	ELECT 470MF 20%	16V
C006	1-163-117-00	CERAMIC CHIP 100PF 5%	50V
C007	1-124-907-11	ELECT 10MF 20%	50V
C009	1-124-907-11	ELECT 10MF 20%	50V
C010	1-163-117-00	CERAMIC CHIP 100PF 5%	50V
C012	1-126-233-11	ELECT 22MF 20%	50V
C018	1-163-031-11	CERAMIC CHIP 0.01MF	50V
C020	1-124-903-11	ELECT 1MF 20%	50V
C021	1-124-907-11	ELECT 10MF 20%	50V
C022	1-124-907-11	ELECT 10MF 20%	50V
C023	1-124-907-11	ELECT 10MF 20%	50V
C024	1-124-907-11	ELECT 10MF 20%	50V
C025	1-124-916-11	ELECT 22MF 20%	50V
C026	1-124-903-11	ELECT 1MF 20%	50V
C030	1-124-903-11	ELECT 1MF 20%	50V
C037	1-163-034-00	CERAMIC CHIP 0.033MF	50V
C038	1-163-009-11	CERAMIC CHIP 0.001MF 10%	50V
C039	1-163-117-00	CERAMIC CHIP 100PF 5%	50V
C041	1-124-478-11	ELECT 100MF 20%	25V
C055	1-163-075-00	CERAMIC CHIP 0.047MF	50V
C058	1-163-077-00	CERAMIC CHIP 0.1MF 10%	25V
C059	1-163-031-11	CERAMIC CHIP 0.01MF	50V

A KV-M1400K / M1401K
KV-M1400D / M1401D

REF.NO.	PART NO.	DESCRIPTION			REMARK
C062	1-126-101-11	ELECT	100MF	20%	16V
C063	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C101	1-124-477-11	ELECT	47MF	20%	16V
C102	1-124-910-11	ELECT	47MF	20%	50V
C103	1-163-105-00	CERAMIC CHIP	33PF	5%	50V
C104	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C105	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C106	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C107	1-124-477-11	ELECT	47MF	20%	16V
C112	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
			(KV-M1400K/KV-M1401K ONLY)		
	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
			(KV-M1400D/KV-M1401D ONLY)		
C114	1-163-129-00	CERAMIC CHIP	330PF	5%	50V
			(KV-M1400K/KV-M1401K ONLY)		
	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
			(KV-M1400D/KV-M1401D ONLY)		
C115	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C120	1-163-173-00	CERAMIC CHIP	47PF	5%	50V
C123	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C125	1-124-917-11	ELECT	33MF	20%	50V
C128	1-163-025-11	CERAMIC CHIP	0.001MF		50V
C131	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C132	1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C133	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C135	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C136	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C138	1-216-295-00	METAL GLAZE	0	5% 1/10W	
C139	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C140	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C141	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C142	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C143	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C144	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C145	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C146	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C147	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C148	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C149	1-124-119-00	ELECT	330MF	20%	16V
C151	1-124-907-11	ELECT	10MF	20%	50V
C154	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C157	1-124-927-11	ELECT	4.7MF	20%	50V
C163	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C201	1-124-916-11	ELECT	22MF	20%	50V
C202	1-124-925-11	ELECT	2.2MF	20%	50V
C203	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C204	1-124-480-11	ELECT	470MF	20%	25V
C206	1-163-011-11	CERAMIC CHIP	0.0015MF	10%	50V
C207	1-124-925-11	ELECT	2.2MF	20%	50V
C208	1-126-104-11	ELECT	470MF	20%	35V
C209	1-124-910-11	ELECT	47MF	20%	50V
C210	1-106-228-00	MYLAR	0.22MF	10%	100V
C301	1-124-907-11	ELECT	10MF	20%	50V
			(KV-M1400K/KV-M1401K ONLY)		
C302	1-163-059-00	CERAMIC CHIP	0.01MF		50V
C303	1-163-059-00	CERAMIC CHIP	0.01MF		50V
C304	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C305	1-124-910-11	ELECT	47MF	20%	50V
C306	1-106-220-00	MYLAR	0.1MF	10%	100V
C307	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C308	1-124-910-11	ELECT	47MF	20%	50V

REF.NO.	PART NO.	DESCRIPTION			REMARK
C309	1-163-099-00	CERAMIC CHIP	18PF	5%	50V
C310	1-124-917-11	ELECT	33MF	20%	50V
			(KV-M1400K/KV-M1401K ONLY)		
C311	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C312	1-163-121-00	CERAMIC CHIP	150PF	5%	50V
C313	1-163-105-00	CERAMIC CHIP	33PF	5%	50V
C314	1-163-103-00	CERAMIC CHIP	27PF	5%	50V
C315	1-163-177-00	CERAMIC CHIP	68PF	5%	50V
			(KV-M1400K/KV-M1401K ONLY)		
C316	1-163-377-11	CERAMIC CHIP	100PF	5%	50V
C317	1-163-093-00	CERAMIC CHIP	10PF	5%	50V
C318	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C319	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C321	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C323	1-163-055-00	CERAMIC CHIP	0.0047MF	10%	50V
C329	1-131-367-00	TANTALUM	22MF	10%	16V
C330	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C331	1-124-927-11	ELECT	4.7MF	20%	50V
C332	1-130-783-00	MYLAR	0.33MF	10%	100V
C333	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C334	1-163-063-00	CERAMIC CHIP	0.022MF	10%	50V
C335	1-163-063-00	CERAMIC CHIP	0.022MF	10%	50V
C336	1-163-119-00	CERAMIC CHIP	120PF	5%	50V
C337	1-130-834-00	MYLAR	1MF	10%	63V
C338	1-106-220-00	MYLAR	0.1MF	10%	100V
C339	1-106-220-00	MYLAR	0.1MF	10%	100V
C340	1-162-568-11	CERAMIC CHIP	0.33MF	10%	16V
C341	1-130-783-00	MYLAR	0.33MF	10%	100V
C343	1-106-383-00	MYLAR	0.047MF	10%	100V
C344	1-130-783-00	MYLAR	0.33MF	10%	100V
C345	1-163-187-00	CERAMIC CHIP	180PF	5%	50V
C346	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C347	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C348	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C349	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C351	1-106-375-12	MYLAR	0.022MF	10%	250V
			(KV-M1400K/KV-M1401K ONLY)		
C352	1-106-375-12	MYLAR	0.022MF	10%	250V
C353	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C354	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C355	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C356	1-163-237-11	CERAMIC CHIP	27PF	5%	50V
C357	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C358	1-124-556-11	ELECT	2200MF	20%	16V
C359	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C360	1-124-903-11	ELECT	1MF	20%	50V
C361	1-163-237-11	CERAMIC CHIP	27PF	5%	50V
C363	1-163-201-00	CERAMIC CHIP	680PF	5%	50V
			(KV-M1400K/KV-M1401K ONLY)		
C364	1-163-137-00	CERAMIC CHIP	680PF	5%	50V
			(KV-M1400K/KV-M1401K ONLY)		
C367	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C370	1-124-916-11	ELECT	22MF	20%	50V
C388	1-106-220-00	MYLAR	0.1MF	10%	100V
C401	1-124-910-11	ELECT	47MF	20%	50V
C403	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C404	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C430	1-164-336-11	CERAMIC CHIP	0.33MF		25V
C431	1-124-910-11	ELECT	47MF	20%	50V
C432	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C433	1-124-916-11	ELECT	22MF	20%	25V

A KV-M1400K / M1401K KV-M1400D / M1401D

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

REF.NO.		PART NO.	DESCRIPTION			REMARK
C434		1-163-031-11	CERAMIC CHIP	0.01MF		50V
C475		1-124-916-11	ELECT	22MF	20%	50V
C476		1-108-702-11	MYLAR	0.068MF	10%	100V
C490		1-124-910-11	ELECT	47MF	20%	50V
C499		1-163-205-00	CERAMIC CHIP	0.001MF	10%	50V
C501		1-163-181-00	CERAMIC CHIP	100PF	5%	50V
C502		1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C503		1-163-181-00	CERAMIC CHIP	100PF	5%	50V
C504		1-124-122-11	ELECT	100MF	20%	50V
C505		1-124-916-11	ELECT	22MF	20%	50V
C506		1-106-228-00	MYLAR	0.22MF	10%	100V
C507		1-124-557-11	ELECT	1000MF	20%	25V
C508		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C509		1-162-568-11	CERAMIC CHIP	0.33MF	10%	16V
C510		1-163-081-00	CERAMIC CHIP	0.22MF		25V
C511		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C512		1-108-702-11	MYLAR	0.068MF	10%	100V
C513		1-124-927-11	ELECT	4.7MF	20%	50V
C514		1-136-298-00	FILM	0.0033MF	5%	100V
C515		1-163-035-00	CERAMIC CHIP	0.047MF		50V
C516		1-163-113-00	CERAMIC CHIP	68PF	5%	50V
C517		1-163-033-00	CERAMIC CHIP	0.022MF		50V
C518		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
				(KV-M1400K/KV-M1401K ONLY)		
C520		1-163-033-00	CERAMIC CHIP	0.022MF		50V
C521		1-131-377-00	TANTALUM	10MF	10%	10V
C524		1-106-228-00	MYLAR	0.22MF	10%	100V
C525		1-108-702-11	MYLAR	0.068MF	10%	100V
C526		1-124-910-11	ELECT	47MF	20%	50V
C527		1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C529		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C530		1-163-197-00	CERAMIC CHIP	470PF	5%	50V
C531		1-163-113-00	CERAMIC CHIP	68PF	5%	50V
				(KV-M1400D/KV-M1401D ONLY)		
C532		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C536		1-124-927-11	ELECT	4.7MF	20%	50V
C537		1-163-038-00	CERAMIC CHIP	0.1MF		25V
C540		1-216-295-00	METAL GLAZE	0	5%	1/10W
C601	⚠	1-161-964-61	CERAMIC	0.0047MF		250V
C602	⚠	1-161-964-61	CERAMIC	0.0047MF		250V
C603		1-162-599-12	CERAMIC	0.0047MF		250V
C604		1-125-318-00	ELECT(BLOCK)	220MF	20%	400V
C605		1-161-754-00	CERAMIC	0.001MF	10%	2KV
				(KV-M1400D/KV-M1401D ONLY)		
C606		1-104-728-11	FILM	0.047MF	10%	630V
C607		1-106-367-00	MYLAR	0.01MF	10%	400V
C608		1-161-753-00	CERAMIC	470PF	10%	3KV
C609		1-124-347-00	ELECT	100MF	20%	160V
C610		1-124-557-11	ELECT	1000MF	20%	25V
C612		1-102-228-00	CERAMIC	470PF	10%	500V
C614		1-126-101-11	ELECT	100MF	20%	16V
C618		1-124-916-11	ELECT	22MF	20%	50V
C621	⚠	1-136-517-11	FILM	0.22MF	20%	300V
C623	⚠	1-164-246-61	CERAMIC	0.0022MF	20%	400V
C624		1-161-754-00	CERAMIC	0.001MF	10%	2KV
C625	⚠	1-136-517-11	FILM	0.22MF	20%	300V
C626	⚠	1-163-161-91	CERAMIC CHIP	15PF	5%	50V
				(KV-M1400K/KV-M1401K ONLY)		
C627	⚠	1-163-161-91	CERAMIC CHIP	15PF	5%	50V
				(KV-M1400K/KV-M1401K ONLY)		
C633	⚠	1-164-246-61	CERAMIC	0.0022MF	20%	400V
C698		1-162-115-00	CERAMIC	330PF	10%	2KV

REF.NO.		PART NO.	DESCRIPTION			REMARK
						(KV-M1400D/KV-M1401D ONLY)
C801		1-136-559-11	MYLAR	0.0047MF	10%	400V
C802		1-102-212-00	CERAMIC	820PF	10%	500V
C803		1-102-244-00	CERAMIC	220PF	10%	500V
C804		1-126-101-11	ELECT	100MF	20%	16V
C805		1-136-076-00	FILM	0.0085MF	3%	2KV
C806		1-106-389-00	MYLAR	0.082MF	10%	200V
C807		1-162-116-00	CERAMIC	680PF	10%	2KV
C808		1-136-932-11	FILM	0.82MF	5%	100V
C809		1-106-367-00	MYLAR	0.01MF	10%	400V
C811		1-136-540-11	FILM	0.82MF	5%	160V
C812		1-124-634-11	ELECT	1MF	20%	250V
C813		1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C814		1-126-542-11	ELECT	4.7MF	20%	160V
C815		1-124-916-11	ELECT	22MF	20%	50V
C816		1-102-228-00	CERAMIC	470PF	10%	500V
C817		1-123-948-00	ELECT	22MF	20%	250V
C818		1-106-375-12	MYLAR	0.022MF	10%	250V
C819		1-162-114-00	CERAMIC	0.0047MF		2KV
C820		1-162-318-11	CERAMIC	0.001MF	10%	500V
C821		1-126-101-11	ELECT	100MF	20%	16V
C822		1-162-318-11	CERAMIC	0.001MF	10%	500V
C823		1-126-233-11	ELECT	22MF	20%	50V
C824		1-124-913-11	ELECT	470MF	20%	50V
C825		1-106-367-00	MYLAR	0.01MF	10%	400V
C826		1-104-724-91	FILM	0.1MF	10%	250V
C840		1-124-902-00	ELECT	0.47MF	20%	50V
			<FILTER>			
CD101		1-579-110-11	DISCRIMINATOR, CERAMIC			
CF501		1-404-801-11	TRAP, CERAMIC			
CF502		1-409-327-00	TRAP, CERAMIC (6.5MHZ)			
						(KV-M1400K/KV-M1401K ONLY)
SWF101		1-579-414-11	FILTER, SAWTOOTH WAVE			
			<CONNECTOR>			
CNA11		*1-506-947-11	PIN, CONNECTOR 6P			
CNA12		*1-568-877-51	PIN, CONNECTOR 2P			
CNA21		*1-560-290-00	PLUG,CONNECTOR (2.5MM PITCH)			
CNA22		*1-568-878-51	PIN, CONNECTOR 3P			
CNA42		*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR			
CNA43		*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR			
CNA61	⚠	*1-508-765-11	PIN, CONNECTOR (5MM PITCH) 3P			
CNA62	⚠	*1-580-844-11	PIN, CONNECTOR (POWER)			
CNA64		*1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P			
CNA81		*1-508-768-00	PIN, CONNECTOR (5MM PITCH) 6P			
CNA82		*1-580-798-11	CONNECTOR PIN (DY) 6P			
CNA83		*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P			
			<TRIMMER>			
CT331		1-141-418-11	CAP, ADJ			(KV-M1400K/KV-M1401K ONLY)
CT332		1-141-418-11	CAP, ADJ			
			<DIODE>			
D002		8-719-920-55	DIODE SPR-54MVW			
D004		8-719-914-44	DIODE DAP202K			
D007		8-719-400-18	DIODE MA152WK			
D008		8-719-105-82	DIODE RD5.1M-B2			
D009		8-719-105-82	DIODE RD5.1M-B2			

A KV-M1400K / M1401K
KV-M1400D / M1401D

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

REF.NO.	PART NO.	DESCRIPTION	REMARK
D011	8-719-911-19	DIODE 1SS119	
D020	8-719-911-19	DIODE 1SS119	
D101	8-719-110-03	DIODE RD7.5ESB2	
D102	8-719-110-03	DIODE RD7.5ESB2	
D103	8-719-110-03	DIODE RD7.5ESB2	
D104	8-719-400-18	DIODE MA152WK	
D110	8-719-109-85	DIODE RD5.1ESB2	
D301	8-719-914-44	DIODE DAP202K	
D302	8-719-800-76	DIODE 1SS226	
D303	8-719-914-44	DIODE DAP202K	
D305	8-719-800-76	DIODE 1SS226	
D306	8-719-400-18	DIODE MA152WK	
D313	8-719-800-76	DIODE 1SS226	
D321	8-719-109-89	DIODE RD5.6ESB2	
D324	8-719-914-44	DIODE DAP202K	
D331	8-719-911-19	DIODE 1SS199 (KV-M1400K/KV-M1401K ONLY)	
D332	8-719-911-19	DIODE 1SS199 (KV-M1400K/KV-M1401K ONLY)	
D333	8-719-911-19	DIODE 1SS199	
D334	8-719-914-44	DIODE DAP202K	
D402	8-719-109-97	DIODE RD6.8ESB2	
D403	8-719-109-97	DIODE RD6.8ESB2	
D404	8-719-109-97	DIODE RD6.8ESB2	
D405	8-719-110-09	DIODE RD8.2ESB3	
D406	8-719-110-09	DIODE RD8.2ESB3	
D411	8-719-109-97	DIODE RD6.8ESB2	
D417	8-719-914-44	DIODE DAP202K	
D418	8-719-914-44	DIODE DAP202K	
D426	8-719-911-19	DIODE 1SS119	
D427	8-719-911-19	DIODE 1SS119	
D450	8-719-109-97	DIODE RD6.8ESB2	
D501	8-719-950-57	DIODE BYD33G	
D503	8-719-911-19	DIODE 1SS119	
D504	8-719-400-18	DIODE MA152WK	
D519	8-719-400-18	DIODE MA152WK	
D601	8-719-311-72	DIODE B3V-406H-01	
D602	8-719-976-64	DIODE RGP02-17	
D603	8-719-908-03	DIODE GP08D	
D604	8-719-979-85	DIODE EGP20G	
D605	8-719-950-57	DIODE BYD33G	
D606	8-719-980-78	DIODE ERA83-006	
D607	8-719-950-57	DIODE BYD33G	
D608	8-719-950-57	DIODE BYD33G	
D609	8-719-908-03	DIODE GP08D	
D610	8-719-908-03	DIODE GP08D	
D611	8-719-303-49	DIODE R2M	
D801	8-719-945-80	DIODE ERC06-15S	
D802	8-719-979-85	DIODE EGP20G	
D803	8-719-950-57	DIODE BYD33G	
D805	8-719-950-57	DIODE BYD33G	
D806	8-719-976-64	DIODE RGP02-17	
D807	8-719-950-57	DIODE BYD33G	
D808	8-719-950-57	DIODE BYD33G	
D809	8-719-400-18	DIODE MA152WK	
D810	8-719-908-03	DIODE GP08D	
D811	8-719-908-03	DIODE GP08D	
D820	8-719-911-19	DIODE 1SS119	
		<DELAY LINE>	
DL301	1-236-062-11	MODULE, Y DELAY LINE	

REF.NO.	PART NO.	DESCRIPTION	REMARK
		<FUSE>	
F601 ⚠	1-576-231-21	FUSE (H.B.C.) 4A/250V	
	4-201-057-01	COVER, FUSE; F601	
	1-533-230-12	HOLDER, FUSE; F601	
		<IC>	
IC001	8-759-517-38	IC PCA84C840P-012	
IC002	8-759-043-86	IC ST24C02AB1	
IC003	8-741-139-80	IC BX-1398	
IC004	8-759-805-37	IC L78LR05D-MA	
IC005	8-759-157-40	DIODE UPC574J	
IC102	8-759-044-41	IC TDA3827/V3	
IC201	8-759-502-74	IC TDA7245	
IC301	8-759-505-39	IC TDA4660/V2	
IC302	8-759-512-04	IC TDA3505-V1	
IC331	8-759-521-22	IC TDA4650/V4	
IC501	8-759-113-13	IC UPC1498H	
IC502	8-759-515-72	IC TDA8304	
IC601	8-749-901-65	IC STR54041	
IC801	8-759-945-58	IC RC4558P	
IC802	8-759-604-39	IC M5F78M12L	
		<JACK>	
J401	1-561-534-00	SOCKET, PIN 21P	
		<COIL>	
L001	1-408-409-00	INDUCTOR 10UH	
L102	1-408-409-00	INDUCTOR 10UH	
L103	1-408-399-00	INDUCTOR 1.5UH	
L106	1-408-415-00	INDUCTOR 33UH	
L107	1-408-410-00	INDUCTOR 12UH	
L111	1-410-872-21	INDUCTOR 10UH (KV-M1400K/V-M1401K ONLY)	
L301	1-408-409-00	INDUCTOR 10UH	
L302	1-408-419-00	INDUCTOR 68UH	
L303	1-408-425-00	INDUCTOR 220UH	
L331	1-404-554-11	COIL	
L405	1-408-409-00	INDUCTOR 10UH	
L406	1-408-417-00	INDUCTOR 47UH	
L501	1-404-493-00	COIL	
L502	1-408-405-00	INDUCTOR 4.7UH (KV-M1400K/V-M1401K ONLY)	
	1-408-408-00	INDUCTOR 8.2UH (KV-M1400D/V-M1401D ONLY)	
L801	1-407-365-00	COIL,CHOKE	
L802	1-420-872-00	COIL, AIR CORE	
L804	1-459-856-11	COIL, FERRITE	
L805	1-408-236-00	INDUCTOR 2.7MMH	
L806	1-459-756-12	COIL, HORIZONTAL LINEARITY	
L807	1-410-067-21	INDUCTOR 4.7MMH	
L808	1-408-226-00	INDUCTOR 82UH	
L809	1-407-504-00	INDUCTOR 10MMH	
		<VARIABLE COIL>	
LV301	1-404-554-11	COIL	
		<IC LINK>	
PS801 ⚠	1-532-679-91	LINK, IC (ICP-N15) 0.6A	

A KV-M1400K / M1401K KV-M1400D / M1401D

REF.NO.	PART NO.	DESCRIPTION	REMARK
		<TRANSISTOR>	
Q001	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q003	8-729-901-01	TRANSISTOR DTC144EK	
Q004	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q005	8-729-923-54	TRANSISTOR DTA143TK	
Q006	8-729-922-66	TRANSISTOR 2SC2410SN	
Q007	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q015	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q016	8-729-901-47	TRANSISTOR DTA143EK	
Q017	8-729-216-22	TRANSISTOR 2SA1162G	
Q019	8-729-901-06	TRANSISTOR DTA144EK	
Q020	8-729-901-00	TRANSISTOR DTC124EK	
Q101	8-729-901-47	TRANSISTOR DTA143EK	
Q102	8-729-901-47	TRANSISTOR DTA143EK	
Q103	8-729-901-47	TRANSISTOR DTA143EK	
Q104	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q106	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q107	8-729-216-22	TRANSISTOR 2SA1162G	
Q112	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q114	8-729-901-00	TRANSISTOR DTC124EK	
Q115	8-729-901-00	TRANSISTOR DTC124EK	
Q141	8-729-014-99	TRANSISTOR BF959-AMMO	
Q302	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q303	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q304	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q305	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q306	8-729-901-00	TRANSISTOR DTC124EK	(KV-M1400K/KV-M1401K ONLY)
Q307	8-729-216-22	TRANSISTOR 2SA1162G	
Q310	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q311	8-729-216-22	TRANSISTOR 2SA1162G	
Q401	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q457	8-729-216-22	TRANSISTOR 2SA1162G	
Q504	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q505	8-729-216-22	TRANSISTOR 2SA1162G	
Q601	8-729-906-74	TRANSISTOR BC637-16	
Q801	8-729-119-80	TRANSISTOR 2SC2688-LK	
Q802	8-729-925-64	TRANSISTOR BU508AS2	
Q803	8-729-904-27	TRANSISTOR 2SD1761-E	
		<RESISTOR>	
JR44	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR53	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR99	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR003	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR004	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR005	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR006	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR009	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR010	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR011	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR012	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR015	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR016	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR017	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR018	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR019	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR020	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR026	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR028	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR029	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR030	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR034	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR036	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR037	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR038	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR039	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR044	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR045	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR050	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR051	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR052	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR060	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR101	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR102	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR103	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR104	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR105	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR106	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR107	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR108	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR109	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR116	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR117	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR118	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR121	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR122	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR123	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR125	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR126	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR127	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR128	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR129	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR130	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR131	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR133	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR134	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR135	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR137	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR139	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR140	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR144	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR147	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR148	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR149	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR150	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR155	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR182	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR183	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR184	1-216-296-00	METAL GLAZE 0 5% 1/8W	
R001	1-216-069-00	METAL GLAZE 6.8K 5% 1/10W	
R002	1-216-081-00	METAL GLAZE 22K 5% 1/10W	
R003	1-216-081-00	METAL GLAZE 22K 5% 1/10W	
R004	1-216-083-00	METAL GLAZE 27K 5% 1/10W	
R005	1-216-206-00	METAL GLAZE 2.2K 5% 1/8W	
R006	1-216-254-00	METAL GLAZE 220K 5% 1/8W	
R007	1-216-190-00	METAL GLAZE 470 5% 1/8W	
R008	1-216-049-00	METAL GLAZE 1K 5% 1/10W	
R009	1-216-049-00	METAL GLAZE 1K 5% 1/10W	

A KV-M1400K / M1401K
KV-M1400D / M1401D

REF.NO.	PART NO.	DESCRIPTION			REMARK
R010	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R011	1-216-035-00	METAL GLAZE	270	5%	1/10W
R012	1-216-248-00	METAL GLAZE	120K	5%	1/8W
R013	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R014	1-216-689-11	METAL GLAZE	39K	5%	1/10W
R015	1-216-230-00	METAL GLAZE	22K	5%	1/8W
R016	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R017	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R018	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R019	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R020	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R021	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R022	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R023	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R024	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R025	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R026	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R028	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R029	1-216-041-00	METAL GLAZE	470	5%	1/10W
R030	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R031	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R032	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R033	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R034	1-216-238-00	METAL GLAZE	47K	5%	1/8W
R035	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R038	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R040	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R041	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R042	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R043	1-215-900-11	METAL OXIDE	22K	5%	2W
R044	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R045	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R046	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R047	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R048	1-216-202-00	METAL GLAZE	1.5K	5%	1/8W
R049	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R050	1-216-250-00	METAL GLAZE	150K	5%	1/8W
R051	1-216-295-00	METAL GLAZE	0	5%	1/10W
R052	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R053	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R054	1-249-395-11	CARBON	15	5%	1/4W
R055	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R056	1-216-041-00	METAL GLAZE	470	5%	1/10W
R058	1-249-434-11	CARBON	27K	5%	1/4W
R059	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R060	1-216-234-00	METAL GLAZE	33K	5%	1/8W
R061	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R062	1-216-242-00	METAL GLAZE	68K	5%	1/8W
R064	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R070	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W
			(KV-M1400K/KV-M1401K ONLY)		
R071	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W
			(KV-M1400K/KV-M1401K ONLY)		
R072	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R075	1-216-248-00	METAL GLAZE	120K	5%	1/8W
R076	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R077	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R078	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R079	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R081	1-216-198-00	METAL GLAZE	1K	5%	1/8W

REF.NO.	PART NO.	DESCRIPTION			REMARK
R082	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R083	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R084	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R086	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
			(KV-M1400K/KV-M1401K ONLY)		
R087	1-216-027-00	METAL GLAZE	120	5%	1/10W
R089	1-216-212-00	METAL GLAZE	3.9K	5%	1/8W
			(KV-M1400K/KV-M1401K ONLY)		
R094	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R095	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R096	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R097	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R099	1-216-228-00	METAL GLAZE	18K	5%	1/8W
R100	1-216-017-00	METAL GLAZE	47	5%	1/10W
R101	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R102	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R103	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R104	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R105	1-216-109-00	METAL GLAZE	330K	5%	1/10W
R106	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R107	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R108	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R109	1-216-190-00	METAL GLAZE	470	5%	1/8W
R110	1-249-437-11	CARBON	47K	5%	1/4W
R111	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R112	1-249-411-11	CARBON	330	5%	1/4W
R113	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R114	1-216-238-00	METAL GLAZE	47K	5%	1/8W
R115	1-216-045-00	METAL GLAZE	680	5%	1/10W
R116	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R118	1-216-037-00	METAL GLAZE	330	5%	1/10W
			(KV-M1400K/KV-M1401K ONLY)		
	1-216-035-00	METAL GLAZE	270	5%	1/10W
			(KV-M1400D/KV-M1401D ONLY)		
R119	1-216-045-00	METAL GLAZE	680	5%	1/10W
R130	1-249-409-11	CARBON	220	5%	1/4W
R131	1-216-041-00	METAL GLAZE	470	5%	1/10W
R132	1-216-295-00	METAL GLAZE	0	5%	1/10W
R136	1-216-041-00	METAL GLAZE	470	5%	1/10W
R138	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R139	1-216-295-00	METAL GLAZE	0	5%	1/10W
R140	1-216-037-00	METAL GLAZE	330	5%	1/10W
			(KV-M1400K/KV-M1401K ONLY)		
	1-216-045-00	METAL GLAZE	680	5%	1/10W
			(KV-M1400D/KV-M1401D ONLY)		
R141	1-216-021-00	METAL GLAZE	68	5%	1/10W
			(KV-M1400K/KV-M1401K ONLY)		
	1-216-029-00	METAL GLAZE	150	5%	1/10W
			(KV-M1400D/KV-M1401D ONLY)		
R142	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W
R143	1-216-033-00	METAL GLAZE	220	5%	1/10W
R144	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R147	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R148	1-216-017-00	METAL GLAZE	47	5%	1/10W
R149	1-216-182-00	METAL GLAZE	220	5%	1/8W
R151	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R152	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R153	1-215-867-00	METAL OXIDE	470	5%	W
R199	1-216-029-00	METAL GLAZE	150	5%	1/10W
			(KV-M1400K/KV-M1401K ONLY)		
	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
			(KV-M1400D/KV-M1401D ONLY)		

A KV-M1400K / M1401K KV-M1400D / M1401D

REF.NO.	PART NO.	DESCRIPTION				REMARK
R201	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R202	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R203	1-216-298-00	METAL GLAZE	2.2	5%	1/10W	
R204	1-247-741-11	CARBON	150	5%	1/2W	
R205	1-216-083-00	METAL GLAZE	27K	5%	1/10W	
R206	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R207	1-216-298-00	METAL GLAZE	2.2	5%	1/10W	
R301	1-216-077-00	METAL GLAZE	15K	5%	1/10W	(KV-M1400K/KV-M1401K ONLY)
R302	1-216-033-00	METAL GLAZE	220	5%	1/10W	(KV-M1400K/KV-M1401K ONLY)
R303	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R304	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R305	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R306	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W	
R307	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R308	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R309	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W	
R310	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R311	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	
R312	1-216-174-00	METAL GLAZE	100	5%	1/8W	
R313	1-216-174-00	METAL GLAZE	100	5%	1/8W	
R314	1-216-025-00	METAL GLAZE	100	5%	1/10W	
R315	1-216-047-00	METAL GLAZE	820	5%	1/10W	
R316	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R317	1-216-202-00	METAL GLAZE	1.5K	5%	1/8W	
R318	1-216-089-00	METAL GLAZE	47K	5%	1/10W	(KV-M1400K/KV-M1401K ONLY)
R319	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R320	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R321	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R322	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R323	1-216-192-00	METAL GLAZE	560	5%	1/8W	
R324	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R325	1-249-410-11	CARBON	270	5%	1/4W	
R326	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R327	1-216-121-00	METAL GLAZE	1M	5%	1/10W	
R328	1-216-001-00	METAL GLAZE	10	5%	1/10W	
R329	1-216-109-00	METAL GLAZE	330K	5%	1/10W	
R330	1-216-244-00	METAL GLAZE	82K	5%	1/8W	
R331	1-216-113-00	METAL GLAZE	470K	5%	1/10W	
R332	1-216-270-00	METAL GLAZE	1M	5%	1/8W	
R333	1-216-091-00	METAL GLAZE	56K	5%	1/10W	
R334	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W	
R335	1-216-001-00	METAL GLAZE	10	5%	1/10W	
R336	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W	
R337	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R338	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R341	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R342	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R343	1-216-031-00	METAL GLAZE	180	5%	1/10W	(KV-M1400K/KV-M1401K ONLY)
R346	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R347	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R348	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R349	1-216-029-00	METAL GLAZE	150	5%	1/10W	
R350	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R351	1-216-043-00	METAL GLAZE	560	5%	1/10W	
R352	1-216-039-00	METAL GLAZE	390	5%	1/10W	
R353	1-249-438-11	CARBON	56K	5%	1/4W	

REF.NO.	PART NO.	DESCRIPTION				REMARK
R354	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R355	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R356	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R357	1-216-039-00	METAL GLAZE	390	5%	1/10W	
R360	1-216-001-00	METAL GLAZE	10	5%	1/10W	
R363	1-216-222-00	METAL GLAZE	10K	5%	1/8W	
R364	1-216-222-00	METAL GLAZE	10K	5%	1/8W	
R399	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R402	1-216-172-00	METAL GLAZE	82	5%	1/8W	
R403	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R404	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R405	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R406	1-216-226-00	METAL GLAZE	15K	5%	1/8W	
R407	1-216-226-00	METAL GLAZE	15K	5%	1/8W	
R408	1-216-091-00	METAL GLAZE	56K	5%	1/10W	
R409	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R411	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R412	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R413	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R414	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R420	1-216-182-00	METAL GLAZE	220	5%	1/8W	
R421	1-216-449-11	METAL OXIDE	56	5%	2W	
R423	1-216-095-00	METAL GLAZE	82K	5%	1/10W	
R424	1-216-222-00	METAL GLAZE	10K	5%	1/8W	
R425	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R426	1-216-045-00	METAL GLAZE	680	5%	1/10W	
R427	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R428	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R430	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R432	1-249-403-11	CARBON	68	5%	1/4W	
R433	1-216-079-00	METAL GLAZE	18K	5%	1/10W	
R434	1-216-029-00	METAL GLAZE	150	5%	1/10W	
R435	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R436	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R437	1-216-085-00	METAL GLAZE	33K	5%	1/10W	
R501	1-216-214-00	METAL GLAZE	4.7K	5%	1/8W	
R502	1-247-743-11	CARBON	220	5%	1/2W	
R503	1-249-437-11	CARBON	47K	5%	1/4W	
R504	1-216-017-00	METAL GLAZE	47	5%	1/10W	
R505	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R507	1-216-350-11	METAL OXIDE	1.2	5%	1W	F
R508	1-215-867-00	METAL OXIDE	470	5%	1W	
R510	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R511	1-216-244-00	METAL GLAZE	82K	5%	1/8W	
R512	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R513	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R514	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	
R515	1-216-683-11	METAL CHIP	22K	0.50%	1/10W	
R516	1-216-095-00	METAL GLAZE	82K	5%	1/10W	
R517	1-216-031-00	METAL GLAZE	180	5%	1/10W	
R518	1-216-295-00	METAL GLAZE	0	5%	1/10W	
R519	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R520	1-216-258-00	METAL GLAZE	330K	5%	1/8W	
R521	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R522	1-215-863-11	METAL OXIDE	100	5%	1W	
R523	1-247-754-11	CARBON	1.5K	5%	1/2W	
R524	1-216-099-00	METAL GLAZE	120K	5%	1/10W	
R525	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R527	1-215-869-11	METAL OXIDE	1K	5%	1W	
R532	1-216-081-00	METAL GLAZE	22K	5%	1/10W	

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

A KV-M1400K / M1401K
KV-M1400D / M1401D

A KV-M1400B

REF.NO.	PART NO.	DESCRIPTION				REMARK
R533	1-216-133-00	METAL GLAZE	3.3M	5%	1/10W	
R534	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	
R535	1-216-107-00	METAL GLAZE	270K	5%	1/10W	
R539	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R542	1-216-025-00	METAL GLAZE	100	5%	1/10W	
R543	1-249-408-11	CARBON	180	5%	1/4W	
R545	1-216-278-00	METAL GLAZE	2.2M	5%	1/8W	
R548	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R601	⚠ 1-205-909-11	WIREWOUND	3.3	5%	10W	
R602	1-214-923-00	CARBON	270K	5%	1/2W	
R603	1-215-903-11	METAL OXIDE	68K	5%	2W	
R604	1-247-752-11	CARBON	1K	5%	1/2W	
R606	1-212-877-11	FUSIBLE	68	5%	1/4W	
R608	1-215-884-11	METAL OXIDE	47	5%	2W	
R609	1-207-905-00	WIREWOUND	0.27	10%	2W	
R611	1-214-915-00	CARBON	120K	5%	1/2W	
R612	1-217-137-11	FUSIBLE	0.33	5%	1/4W	
R613	1-217-811-11	FUSIBLE	0.47	5%	1/4W	
R614	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R615	1-216-013-00	METAL GLAZE	33	5%	1/10W	
R617	1-216-354-11	METAL OXIDE	2.7	5%	1W	F
R620	1-216-465-11	METAL OXIDE	27K	5%	2W	
R621	1-216-465-11	METAL OXIDE	27K	5%	2W	
R626	⚠ 1-216-238-00	METAL GLAZE	47K	5%	1/8W	
			(KV-M1400D/KV-M1401D ONLY)			
R627	⚠ 1-216-238-00	METAL GLAZE	47K	5%	1/8W	
			(KV-M1400D/KV-M1401D ONLY)			
R628	1-218-265-11	METAL GLAZE	8.2M	5%	1W	
R629	1-213-096-00	FUSIBLE	330	5%	1W	
			(KV-M1400D/KV-M1401D ONLY)			
R801	1-217-778-11	FUSIBLE	1K	5%	1W	F
R802	1-217-826-11	FUSIBLE	10K	5%	1/4W	
R803	1-216-355-11	METAL OXIDE	3.3	5%	1W	F
R804	1-216-013-00	METAL GLAZE	33	5%	1/10W	
R805	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R806	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R807	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	
R808	1-216-091-00	METAL GLAZE	56K	5%	1/10W	
R809	1-216-083-00	METAL GLAZE	27K	5%	1/10W	
R810	1-216-095-00	METAL GLAZE	82K	5%	1/10W	
R811	1-216-099-00	METAL GLAZE	120K	5%	1/10W	
R812	1-217-778-11	FUSIBLE	1K	5%	1W	F
R813	1-212-877-11	FUSIBLE	68	5%	1/4W	
R814	1-217-820-11	FUSIBLE	3.3K	5%	1/4W	
R816	1-247-889-00	CARBON	270K	5%	1/4W	
R817	1-216-071-00	METAL GLAZE	8.2K	5%	1/10W	
R818	1-202-830-00	SOLID	10K	10%	1/2W	
R819	1-217-811-11	FUSIBLE	0.47	5%	1/4W	
R820	1-217-811-11	FUSIBLE	0.47	5%	1/4W	
R821	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W	
R822	1-216-204-00	METAL GLAZE	1.8K	5%	1/8W	
R824	1-215-863-11	METAL OXIDE	100	5%	1W	F
R826	1-216-025-00	METAL GLAZE	100	5%	1/10W	
R827	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R850	1-215-882-00	METAL OXIDE	22	5%	2W	F
R851	1-247-895-00	CARBON	470K	5%	1/4W	
		<VARIABLE RESISTOR>				
RV001	1-241-627-11	RES, ADJ, CARBON 1K				
RV331	1-241-627-11	RES, ADJ, CARBON 1K				
RV501	1-241-630-11	RES, ADJ, CARBON 10K				

REF.NO.	PART NO.	DESCRIPTION	REMARK
RV502	1-226-703-11	RES, ADJ, METAL GLAZE 10K	
RV503	1-238-019-11	RES, ADJ, CARBON 47K	
RV504	1-238-019-11	RES, ADJ, CARBON 47K	
RV505	1-238-009-11	RES, ADJ, CARBON 220	
RV801	1-238-019-11	RES, ADJ, CARBON 47K	
		<SWITCH>	
S001	1-571-532-21	SWITCH, TACTIL	
S002	1-571-532-21	SWITCH, TACTIL	
S003	1-571-532-21	SWITCH, TACTIL	
S601	⚠ 1-571-433-12	SWITCH, PUSH (AC POWER)	
		<SPARK GAP>	
SG801	1-519-422-11	GAP, SPARK	
		<TRANSFORMER>	
T601	⚠ 1-450-217-22	S.R.T	
T603	⚠ 1-421-776-11	LFT	
T604	⚠ 1-424-078-11	TRANSFORMER, TRIGGER PULSE	
T605	⚠ 1-424-391-11	TRANSFORMER, LINE FILTER	
T801	1-437-090-00	HDT	
T802	⚠ 1-439-432-11	TRANSFORMER ASSY, FLYBACK UX-1623	
		<THERMISTOR>	
THP601	⚠ 1-806-165-12	THERMISTOR (POSITIVE)	
		<TUNER>	
TU101	1-465-541-11	TUNER (BT-3C)	(M1400K/M1401K)
	1-693-093-11	TUNER (BT-3C421)	(M1400D/M1401D)
		<CRYSTAL>	
X001	1-577-619-11	VIBRATOR, CRYSTAL	
X331	1-567-307-11	OSCILLATOR, CRYSTAL	
			(KV-M1400K/KV-M1401K ONLY)
X332	1-567-131-00	OSCILLATOR, CRYSTAL	

****

	*A-1632-125-A	A BOARD, COMPLETE	(M1400B)
		**********	
TP15	*1-535-084-00	1P TERMINAL PIN	
	*4-200-399-11	SPACER, IC	
		<CAPACITOR>	

C001	1-126-101-11	ELECT	100MF	20%	16V
C002	1-106-220-00	MYLAR	0.1MF	10%	100V
C003	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C004	1-123-382-00	ELECT	3.3MF	20%	50V
C005	1-126-103-11	ELECT	470MF	20%	16V
C006	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C007	1-124-907-11	ELECT	10MF	20%	50V
C009	1-124-907-11	ELECT	10MF	20%	50V
C010	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C012	1-126-233-11	ELECT	22MF	20%	50V
C018	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C020	1-124-903-11	ELECT	1MF	20%	50V
C021	1-124-907-11	ELECT	10MF	20%	50V
C023	1-124-907-11	ELECT	10MF	20%	50V
C024	1-124-907-11	ELECT	10MF	20%	50V

A KV-M1400B

REF.NO.	PART NO.	DESCRIPTION			REMARK
C025	1-124-916-11	ELECT	22MF	20%	50V
C026	1-124-903-11	ELECT	1MF	20%	50V
C030	1-124-903-11	ELECT	1MF	20%	50V
C037	1-163-034-00	CERAMIC CHIP	0.033MF		50V
C038	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C039	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C041	1-124-478-11	ELECT	100MF	20%	25V
C055	1-163-075-00	CERAMIC CHIP	0.047MF		50V
C058	1-162-623-11	CERAMIC CHIP	0.1MF	10%	25V
C059	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C062	1-126-101-11	ELECT	100MF	20%	16V
C063	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C101	1-124-907-11	ELECT	10MF	20%	50V
C102	1-124-910-11	ELECT	47MF	20%	50V
C103	1-163-105-00	CERAMIC CHIP	33PF	5%	50V
C104	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C105	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C107	1-124-477-11	ELECT	47MF	20%	16V
C108	1-124-916-11	ELECT	22MF	20%	50V
C109	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C110	1-124-927-11	ELECT	4.7MF	20%	50V
C111	1-124-907-11	ELECT	10MF	20%	50V
C112	1-163-119-00	CERAMIC CHIP	120PF	5%	50V
C114	1-163-127-00	CERAMIC CHIP	270PF	5%	50V
C115	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C117	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C118	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C119	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C120	1-163-173-00	CERAMIC CHIP	47PF	5%	50V
C121	1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C122	1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C123	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C125	1-124-917-11	ELECT	33MF	20%	50V
C126	1-124-925-11	ELECT	2.2MF	20%	50V
C128	1-163-025-11	CERAMIC CHIP	0.001MF		50V
C129	1-136-171-00	FILM	0.33MF	5%	50V
C130	1-136-171-00	FILM	0.33MF	5%	50V
C131	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C132	1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C133	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C134	1-136-562-11	MYLAR	0.0082MF	10%	400V
C135	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C136	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C139	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C140	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C141	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C142	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C143	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C144	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C145	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C146	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C147	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C148	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C149	1-124-119-00	ELECT	330MF	20%	16V
C151	1-124-925-11	ELECT	2.2MF	20%	50V
C154	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C155	1-216-266-00	METAL GLAZE	680K 5%	1/8W	
C156	1-163-215-00	CERAMIC CHIP	0.0027MF	5%	50V
C157	1-124-910-11	ELECT	47MF	20%	50V
C161	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C163	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C201	1-124-916-11	ELECT	22MF	20%	50V
C202	1-124-925-11	ELECT	2.2MF	20%	50V
C203	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C204	1-124-480-11	ELECT	470MF	20%	25V
C206	1-163-011-11	CERAMIC CHIP	0.0015MF	10%	50V
C207	1-124-925-11	ELECT	2.2MF	20%	50V
C208	1-126-104-11	ELECT	470MF	20%	35V
C209	1-124-910-11	ELECT	47MF	20%	50V
C210	1-106-228-00	MYLAR	0.22MF	10%	100V
C302	1-163-059-00	CERAMIC CHIP	0.01MF		50V
C303	1-163-059-00	CERAMIC CHIP	0.01MF		50V
C304	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C305	1-124-910-11	ELECT	47MF	20%	50V
C306	1-106-220-00	MYLAR	0.1MF	10%	100V
C307	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C308	1-124-910-11	ELECT	47MF	20%	50V
C309	1-163-099-00	CERAMIC CHIP	18PF	5%	50V
C311	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C312	1-163-121-00	CERAMIC CHIP	150PF	5%	50V
C313	1-163-105-00	CERAMIC CHIP	33PF	5%	50V
C314	1-163-103-00	CERAMIC CHIP	27PF	5%	50V
C316	1-163-377-11	CERAMIC CHIP	100PF	5%	50V
C317	1-163-093-00	CERAMIC CHIP	10PF	5%	50V
C318	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C319	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C321	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C323	1-163-055-00	CERAMIC CHIP	0.0047MF	10%	50V
C329	1-131-367-00	TANTALUM	22MF	10%	16V
C330	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C331	1-124-927-11	ELECT	4.7MF	20%	50V
C332	1-130-783-00	MYLAR	0.33MF	10%	100V
C333	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C334	1-163-063-00	CERAMIC CHIP	0.022MF	10%	50V
C335	1-163-063-00	CERAMIC CHIP	0.022MF	10%	50V
C336	1-163-119-00	CERAMIC CHIP	120PF	5%	50V
C337	1-130-834-00	MYLAR	1MF	10%	63V
C338	1-106-220-00	MYLAR	0.1MF	10%	100V
C339	1-106-220-00	MYLAR	0.1MF	10%	100V
C340	1-162-568-11	CERAMIC CHIP	0.33MF	10%	16V
C341	1-130-783-00	MYLAR	0.33MF	10%	100V
C343	1-106-383-00	MYLAR	0.047MF	10%	100V
C344	1-130-783-00	MYLAR	0.33MF	10%	100V
C345	1-163-187-00	CERAMIC CHIP	180PF	5%	50V
C346	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C347	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C348	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C349	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C352	1-106-375-12	MYLAR	0.022MF	10%	250V
C353	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C354	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C355	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C356	1-163-237-11	CERAMIC CHIP	27PF	5%	50V
C357	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C358	1-124-556-11	ELECT	2200MF	20%	16V
C359	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C360	1-124-903-11	ELECT	1MF	20%	50V
C361	1-163-237-11	CERAMIC CHIP	27PF	5%	50V
C367	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C370	1-124-916-11	ELECT	22MF	20%	50V

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

A KV-M1400B

REF.NO.		PART NO.	DESCRIPTION			REMARK
C388		1-106-220-00	MYLAR	0.1MF	10%	100V
C401		1-124-910-11	ELECT	47MF	20%	50V
C403		1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C404		1-163-031-11	CERAMIC CHIP	0.01MF		50V
C430		1-164-336-11	CERAMIC CHIP	0.33MF		25V
C431		1-124-910-11	ELECT	47MF	20%	50V
C432		1-163-031-11	CERAMIC CHIP	0.01MF		50V
C433		1-124-916-11	ELECT	22MF	20%	25V
C434		1-163-031-11	CERAMIC CHIP	0.01MF		50V
C475		1-124-916-11	ELECT	22MF	20%	50V
C476		1-108-702-11	MYLAR	0.068MF	10%	100V
C490		1-124-910-11	ELECT	47MF	20%	50V
C499		1-163-205-00	CERAMIC CHIP	0.001MF	10%	50V
C501		1-163-181-00	CERAMIC CHIP	100PF	5%	50V
C502		1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C503		1-163-181-00	CERAMIC CHIP	100PF	5%	50V
C504		1-124-122-11	ELECT	100MF	20%	50V
C505		1-124-916-11	ELECT	22MF	20%	50V
C506		1-106-228-00	MYLAR	0.22MF	10%	100V
C507		1-124-557-11	ELECT	1000MF	20%	25V
C508		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C509		1-162-568-11	CERAMIC CHIP	0.33MF	10%	16V
C510		1-163-081-00	CERAMIC CHIP	0.22MF		25V
C511		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C512		1-108-702-11	MYLAR	0.068MF	10%	100V
C513		1-124-927-11	ELECT	4.7MF	20%	50V
C514		1-136-298-00	FILM	0.0033MF	5%	100V
C515		1-163-035-00	CERAMIC CHIP	0.047MF		50V
C516		1-163-113-00	CERAMIC CHIP	68PF	5%	50V
C517		1-163-033-00	CERAMIC CHIP	0.022MF		50V
C520		1-163-033-00	CERAMIC CHIP	0.022MF		50V
C521		1-131-381-00	TANTALUM	47MF	10%	10V
C522		1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C523		1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C524		1-106-228-00	MYLAR	0.22MF	10%	100V
C525		1-106-375-12	MYLAR	0.022MF	10%	250V
C526		1-124-910-11	ELECT	47MF	20%	50V
C527		1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C528		1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C529		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C530		1-163-197-00	CERAMIC CHIP	470PF	5%	50V
C531		1-163-121-00	CERAMIC CHIP	150PF	5%	50V
C532		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C535		1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C536		1-124-927-11	ELECT	4.7MF	20%	50V
C537		1-163-038-00	CERAMIC CHIP	0.1MF		25V
C538		1-124-282-00	ELECT	22MF	20%	16V
C540		1-163-111-00	CERAMIC CHIP	56PF	5%	50V
C601	⚠	1-161-964-61	CERAMIC	0.0047MF		250V
C602	⚠	1-162-964-61	CERAMIC	0.0047MF		250V
C603		1-162-599-12	CERAMIC	0.0047MF		250V
C604		1-125-318-00	ELECT(BLOCK)	220MF	20%	400V
C606		1-104-728-11	FILM	0.047MF	10%	630V
C607		1-106-367-00	MYLAR	0.01MF	10%	400V
C608		1-161-753-00	CERAMIC	470PF	10%	3KV
C609		1-124-347-00	ELECT	100MF	20%	160V
C610		1-124-557-11	ELECT	1000MF	20%	25V
C612		1-102-228-00	CERAMIC	470PF	10%	500V
C614		1-126-101-11	ELECT	100MF	20%	16V
C618		1-124-916-11	ELECT	22MF	20%	50V

REF.NO.		PART NO.	DESCRIPTION			REMARK
C621	⚠	1-136-517-11	FILM	0.22MF	20%	300V
C623	⚠	1-164-246-61	CERAMIC	0.0022MF	20%	400V
C624		1-161-754-00	CERAMIC	0.001MF	10%	2KV
C633	⚠	1-164-246-61	CERAMIC	0.0022MF	20%	400V
C801		1-136-559-11	MYLAR	0.0047MF	10%	400V
C802		1-102-212-00	CERAMIC	820PF	10%	500V
C803		1-102-244-00	CERAMIC	220PF	10%	500V
C804		1-126-101-11	ELECT	100MF	20%	16V
C805		1-136-076-00	FILM	0.0085MF	3%	2KV
C806		1-106-389-00	MYLAR	0.082MF	10%	200V
C807		1-162-116-00	CERAMIC	680PF	10%	2KV
C808		1-136-932-11	FILM	0.82MF	5%	100V
C809		1-106-367-00	MYLAR	0.01MF	10%	400V
C811		1-136-540-11	FILM	0.82MF	5%	160V
C812		1-124-634-11	ELECT	1MF	20%	250V
C813		1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C814		1-123-932-00	ELECT	4.7MF	20%	160V
C815		1-124-916-11	ELECT	22MF	20%	50V
C816		1-102-228-00	CERAMIC	470PF	10%	500V
C817		1-123-948-00	ELECT	22MF	20%	250V
C818		1-106-375-12	MYLAR	0.022MF	10%	250V
C819		1-162-114-00	CERAMIC	0.0047MF		2KV
C820		1-162-318-11	CERAMIC	0.001MF	10%	500V
C821		1-126-101-11	ELECT	100MF	20%	16V
C822		1-162-318-11	CERAMIC	0.001MF	10%	500V
C823		1-126-233-11	ELECT	22MF	20%	50V
C824		1-124-913-11	ELECT	470MF	20%	50V
C825		1-106-367-00	MYLAR	0.01MF	10%	400V
C840		1-124-902-00	ELECT	0.47MF	20%	50V

<FILTER>

CD101	1-579-110-11	DISCRIMINATOR, CERAMIC
CF501	1-409-430-11	TRAP, CERAMIC
SWF101	1-579-273-11	FILTER, SURFACE WAVE
SWF102	1-404-711-11	SAWF
SWF103	1-404-712-11	SAWF
XF501	1-527-840-00	FILTER, CERAMIC

<CONNECTOR>

CNA21	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
CNA22	*1-568-878-51	PIN, CONNECTOR 3P
CNA61 ⚠	*1-508-765-11	PIN, CONNECTOR (5MM PITCH) 3P
CNA62 ⚠	*1-580-844-11	PIN, CONNECTOR (POWER)
CNA64	*1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P
CNA81	*1-508-768-00	PIN, CONNECTOR (5MM PITCH) 6P
CNA82	*1-580-798-11	CONNECTOR PIN (DY) 6P
CNA83	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P

<TRIMMER>

CT332	1-141-418-11	CAP, ADJ

<DIODE>

D002	8-719-920-55	DIODE SPR-54MVW
	*4-200-407-01	HOLDER, LED D002
D004	8-719-104-34	DIODE 1S2836
D006	8-719-400-18	DIODE MA152WK
D007	8-719-400-18	DIODE MA152WK
D008	8-719-105-82	DIODE RD5.1M-B2
D009	8-719-105-82	DIODE RD5.1M-B2

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

A KV-M1400B

REF.NO.	PART NO.	DESCRIPTION	REMARK
D011	8-719-911-19	DIODE 1SS119	
D020	8-719-911-19	DIODE 1SS119	
D101	8-719-929-08	DIODE HZS7.5NB3	
D102	8-719-929-08	DIODE HZS7.5NB3	
D103	8-719-929-08	DIODE HZS7.5NB3	
D105	8-719-400-18	DIODE MA152WK	
D110	8-719-930-33	DIODE GL-3PR3	
D301	8-719-104-34	DIODE 1S2836	
D302	8-719-800-76	DIODE 1SS226	
D303	8-719-104-34	DIODE 1S2836	
D305	8-719-800-76	DIODE 1SS226	
D306	8-719-400-18	DIODE MA152WK	
D313	8-719-800-76	DIODE 1SS226	
D321	8-719-109-89	DIODE RD5.6ESB2	
D324	8-719-104-34	DIODE 1S2836	
D333	8-719-911-19	DIODE 1SS119	
D334	8-719-104-34	DIODE 1S2836	
D402	8-719-109-97	DIODE RD6.8ESB2	
D403	8-719-109-97	DIODE RD6.8ESB2	
D404	8-719-109-97	DIODE RD6.8ESB2	
D405	8-719-929-12	DIODE HZS8.2NB3	
D406	8-719-929-12	DIODE HZS8.2NB3	
D411	8-719-109-97	DIODE RD6.8ESB2	
D412	8-719-010-34	DIODE UZ-4.7BSC	
D417	8-719-104-34	DIODE 1S2836	
D418	8-719-104-34	DIODE 1S2836	
D426	8-719-109-96	DIODE RD6.8ESB1	
D427	8-719-911-19	DIODE 1SS119	
D450	8-719-109-97	DIODE RD6.8ESB2	
D501	8-719-950-57	DIODE BYD33G	
D503	8-719-911-19	DIODE 1SS119	
D504	8-719-400-18	DIODE MA152WK	
D511	8-719-903-27	DIODE 1SS168	
D519	8-719-400-18	DIODE MA152WK	
D601	8-719-311-72	DIODE RBV-406H-01	
D602	8-719-976-64	DIODE RGP02-17	
D603	8-719-908-03	DIODE GP08D	
D604	8-719-979-85	DIODE EGP20G	
D605	8-719-950-57	DIODE BYD33G	
D606	8-719-980-78	DIODE ERA83-006	
D607	8-719-950-57	DIODE BYD33G	
D608	8-719-950-57	DIODE BYD33G	
D609	8-719-908-03	DIODE GP08D	
D610	8-719-936-83	DIODE GP08D	
D611	8-719-303-49	DIODE R2M	
D801	8-719-945-80	DIODE ERC06-15S	
D802	8-719-979-85	DIODE EGP20G	
D803	8-719-950-57	DIODE BYD33G	
D805	8-719-950-57	DIODE BYD33G	
D806	8-719-964-64	DIODE RGP02-17	
D807	8-719-950-57	DIODE BYD33G	
D808	8-719-950-57	DIODE BYD33G	
D809	8-719-400-18	DIODE MA152WK	
D810	8-719-908-03	DIODE GP08D	
D811	8-719-908-03	DIODE GP08D	
D820	8-719-911-19	DIODE 1SS119	

REF.NO.	PART NO.	DESCRIPTION	REMARK
		<DELAY LINE>	
DL301	1-236-062-11	MODULE, Y DELAY LINE	
		<FUSE>	
F601 ⚠	1-576-231-21	FUSE (H.B.C.) 4A/250V	
	4-201-057-01	COVER, FUSE; F601	
	1-533-230-12	HOLDER, FUSE; F601	
		<IC>	
IC001	8-759-062-07	IC PCA84C840P/016	
IC002	8-759-043-86	IC ST24C02AB1	
IC003	8-741-139-80	IC BX-1398	
IC004	8-759-805-37	IC L78LR05D-MA	
IC005	8-759-157-40	DIODE UPC574J	
IC101	8-759-521-32	IC TDA3843-V3	
IC102	8-759-044-41	IC TDA3827/V3	
IC201	8-759-502-74	IC TDA7245	
IC301	8-759-505-39	IC TDA4660/V2	
IC302	8-759-512-04	IC TDA3505-V1	
IC331	8-759-521-22	IC TDA4650/V4	
IC501	8-759-113-05	IC UPC1488H	
	*4-389-343-11	SPRING, IC501	
IC502	8-759-515-72	IC TDA8304	
IC601	8-749-901-65	IC STR54041	
	*4-368-683-11	SPRING, TRANSISTOR IC601	
IC801	8-759-945-58	IC RC4558P	
IC802	8-759-604-39	IC L78M12L	
	*4-389-343-11	SPRING, IC802	
		<JACK>	
J401	1-695-551-11	SOCKET 21P	
		<COIL>	
L001	1-408-409-00	INDUCTOR 10UH	
L102	1-408-409-00	INDUCTOR 10UH	
L103	1-408-399-00	INDUCTOR 1.5UH	
L104	1-408-399-00	INDUCTOR 1.5UH	
L106	1-408-415-00	INDUCTOR 33UH	
L107	1-408-410-00	INDUCTOR 12UH	
L110	1-408-409-00	INDUCTOR 10UH	
L301	1-408-409-00	INDUCTOR 10UH	
L302	1-408-419-00	INDUCTOR 68UH	
L303	1-408-425-00	INDUCTOR 220UH	
L331	1-404-554-11	COIL	
L406	1-408-417-00	INDUCTOR 47UH	
L501	1-404-558-11	COIL	
L502	1-408-406-00	INDUCTOR 5.6UH	
L504	1-404-556-11	COIL	
L506	1-408-411-00	INDUCTOR 15UH	
L801	1-407-365-00	COIL, CHOKE	
L802	1-420-872-00	COIL, AIR CORE	
L804	1-459-856-11	COIL, FERRITE	
L805	1-408-236-00	INDUCTOR 2.7MMH	
L806	1-459-756-12	COIL, HORIZONTAL LINEARITY	
L807	1-410-067-21	INDUCTOR 4.7MMH	
L808	1-408-226-00	INDUCTOR 82UH	
LV301	1-404-554-11	COIL	

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

REF.NO.	PART NO.	DESCRIPTION	REMARK
		<IC LINK>	
PS801	⚠ 1-532-679-00	LINK, IC (ICP-N15) 0.6A	
		<TRANSISTOR>	
Q001	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q003	8-729-901-01	TRANSISTOR DTC144EK	
Q004	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q005	8-729-923-54	TRANSISTOR DTA143TK	
Q006	8-729-922-66	TRANSISTOR 2SC2410SN	
Q007	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q015	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q016	8-729-901-47	TRANSISTOR DTA143EK	
Q017	8-729-216-22	TRANSISTOR 2SA1162G	
Q019	8-729-901-06	TRANSISTOR DTA144EK	
Q020	8-729-901-00	TRANSISTOR DTC124EK	
Q101	8-729-901-47	TRANSISTOR DTA143EK	
Q102	8-729-901-47	TRANSISTOR DTA143EK	
Q103	8-729-901-47	TRANSISTOR DTA143EK	
Q104	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q105	8-729-901-01	TRANSISTOR DTC144EK	
Q106	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q107	8-729-216-22	TRANSISTOR 2SA1162G	
Q108	8-729-907-06	TRANSISTOR BF199-AMMO	
Q109	8-729-902-99	TRANSISTOR DTC114TK	
Q110	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q111	8-729-900-53	TRANSISTOR DTC114EK	
Q112	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q113	8-729-901-00	TRANSISTOR DTC124EK	
Q114	8-729-901-00	TRANSISTOR DTC124EK	
Q115	8-729-901-00	TRANSISTOR DTC124EK	
Q123	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q140	8-729-907-06	TRANSISTOR BF199-AMMO	
Q141	8-729-014-99	TRANSISTOR BF959-AMMO	
Q302	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q303	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q304	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q305	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q307	8-729-216-22	TRANSISTOR 2SA1162G	
Q308	8-729-015-90	TRANSISTOR 2SD1383K	
Q310	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q311	8-729-216-22	TRANSISTOR 2SA1162G	
Q401	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q457	8-729-216-22	TRANSISTOR 2SA1162G	
Q501	8-729-901-00	TRANSISTOR DTC124EK	
Q502	8-729-901-05	TRANSISTOR DTA124EK	
Q503	8-729-901-01	TRANSISTOR DTC144EK	
Q504	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q505	8-729-216-22	TRANSISTOR 2SA1162G	
Q601	8-729-906-74	TRANSISTOR BC637-16	
Q801	8-729-119-80	TRANSISTOR 2SC2688-LK	
Q802	8-729-925-64	TRANSISTOR BU508AS2	
Q803	8-729-904-27	TRANSISTOR 2SD1761-E	
		<RESISTOR>	
JR003	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR004	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR005	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR006	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR009	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR010	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR011	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR012	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR015	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR016	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR017	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR018	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR019	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR020	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR021	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR022	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR023	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR026	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR028	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR029	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR034	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR035	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR036	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR037	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR038	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR039	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR040	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR041	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR042	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR044	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR060	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR099	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR101	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR102	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR103	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR104	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR105	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR106	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR107	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR108	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR109	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR110	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR111	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR117	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR118	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR123	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR125	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR126	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR127	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR128	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR129	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR130	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR131	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR133	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR134	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR135	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR137	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR139	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR140	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR141	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR144	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR147	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR148	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR149	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR150	1-216-296-00	METAL GLAZE 0 5% 1/8W	

A KV-M1400B

REF.NO.	PART NO.	DESCRIPTION			REMARK
JR155	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR182	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR183	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR184	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR186	1-216-296-00	METAL GLAZE	0	5%	1/8W
JRC138	1-216-295-00	METAL GLAZE	0	5%	1/10W
R001	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R002	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R003	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R004	1-216-083-00	METAL GLAZE	27K	5%	1/10W
R005	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W
R006	1-216-254-00	METAL GLAZE	220K	5%	1/8W
R007	1-216-190-00	METAL GLAZE	470	5%	1/8W
R008	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R009	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R010	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R011	1-216-035-00	METAL GLAZE	270	5%	1/10W
R012	1-216-248-00	METAL GLAZE	120K	5%	1/8W
R013	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R014	1-216-689-11	METAL GLAZE	39K	5%	1/10W
R015	1-216-230-00	METAL GLAZE	22K	5%	1/8W
R016	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R017	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R018	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R019	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R020	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R021	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R022	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R023	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R024	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R025	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R026	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R028	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R029	1-216-041-00	METAL GLAZE	470	5%	1/10W
R030	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R031	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R032	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R033	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R034	1-216-238-00	METAL GLAZE	47K	5%	1/8W
R035	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R038	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R040	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R041	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R042	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R043	1-215-900-11	METAL OXIDE	22K	5%	2W
R044	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R045	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R046	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R047	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R048	1-216-202-00	METAL GLAZE	1.5K	5%	1/8W
R049	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R050	1-216-250-00	METAL GLAZE	150K	5%	1/8W
R051	1-216-295-00	METAL GLAZE	0	5%	1/10W
R052	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R053	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R054	1-249-395-11	CARBON	15	5%	1/4W
R055	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R056	1-216-041-00	METAL GLAZE	470	5%	1/10W
R058	1-249-434-11	CARBON	27K	5%	1/4W
R059	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R060	1-216-234-00	METAL GLAZE	33K	5%	1/8W
R061	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R062	1-216-242-00	METAL GLAZE	68K	5%	1/8W
R064	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R075	1-216-248-00	METAL GLAZE	120K	5%	1/8W
R076	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W
R077	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R078	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R079	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R081	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R082	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R083	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R084	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R086	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R087	1-216-027-00	METAL GLAZE	120	5%	1/10W
R094	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R095	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R096	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R097	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R099	1-216-228-00	METAL GLAZE	18K	5%	1/8W
R100	1-216-017-00	METAL GLAZE	47	5%	1/10W
R101	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R102	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R103	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R104	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R105	1-216-109-00	METAL GLAZE	330K	5%	1/10W
R106	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R109	1-216-190-00	METAL GLAZE	470	5%	1/8W
R111	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R112	1-249-411-11	CARBON	330	5%	1/4W
R113	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R114	1-216-238-00	METAL GLAZE	47K	5%	1/8W
R115	1-216-045-00	METAL GLAZE	680	5%	1/10W
R116	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R117	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R118	1-216-035-00	METAL GLAZE	270	5%	1/10W
R119	1-216-045-00	METAL GLAZE	680	5%	1/10W
R120	1-216-043-00	METAL GLAZE	560	5%	1/10W
R121	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R122	1-216-043-00	METAL GLAZE	560	5%	1/10W
R123	1-216-033-00	METAL GLAZE	220	5%	1/10W
R124	1-216-041-00	METAL GLAZE	470	5%	1/10W
R125	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R126	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R128	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R129	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R130	1-249-409-11	CARBON	220	5%	1/4W
R131	1-216-041-00	METAL GLAZE	470	5%	1/10W
R132	1-216-037-00	METAL GLAZE	330	5%	1/10W
R135	1-247-887-00	CARBON	220K	5%	1/4W
R136	1-216-041-00	METAL GLAZE	470	5%	1/10W
R138	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R139	1-216-295-00	METAL GLAZE	0	5%	1/10W
R140	1-216-037-00	METAL GLAZE	330	5%	1/10W
R141	1-216-021-00	METAL GLAZE	68	5%	1/10W
R142	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R143	1-216-033-00	METAL GLAZE	220	5%	1/10W
R144	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R145	1-216-031-00	METAL GLAZE	180	5%	1/10W
R146	1-216-033-00	METAL GLAZE	220	5%	1/10W

A KV-M1400B

REF.NO.	PART NO.	DESCRIPTION			REMARK
R147	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R148	1-216-017-00	METAL GLAZE	47	5%	1/10W
R149	1-216-182-00	METAL GLAZE	220	5%	1/8W
R151	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R152	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R153	1-215-867-00	METAL OXIDE	470	5%	1W
R154	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R155	1-216-250-00	METAL GLAZE	150K	5%	1/8W
R156	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R157	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R199	1-216-041-00	METAL GLAZE	470	5%	1/10W
R201	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R202	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R203	1-216-298-00	METAL GLAZE	2.2	5%	1/10W
R204	1-247-741-11	CARBON	150	5%	1/2W
R205	1-216-083-00	METAL GLAZE	27K	5%	1/10W
R206	1-216-035-00	METAL GLAZE	270	5%	1/10W
R207	1-216-298-00	METAL GLAZE	2.2	5%	1/10W
R303	1-216-033-00	METAL GLAZE	220	5%	1/10W
R304	1-216-033-00	METAL GLAZE	220	5%	1/10W
R305	1-216-033-00	METAL GLAZE	220	5%	1/10W
R306	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R307	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R308	1-216-033-00	METAL GLAZE	220	5%	1/10W
R309	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W
R310	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R311	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R312	1-216-174-00	METAL GLAZE	100	5%	1/8W
R313	1-216-174-00	METAL GLAZE	100	5%	1/8W
R314	1-216-025-00	METAL GLAZE	100	5%	1/10W
R315	1-216-047-00	METAL GLAZE	820	5%	1/10W
R316	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R317	1-216-202-00	METAL GLAZE	1.5K	5%	1/8W
R320	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R321	1-216-023-00	METAL GLAZE	82	5%	1/10W
R322	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R323	1-216-192-00	METAL GLAZE	560	5%	1/8W
R324	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R325	1-249-410-11	CARBON	270	5%	1/4W
R326	1-216-035-00	METAL GLAZE	270	5%	1/10W
R327	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R328	1-216-001-00	METAL GLAZE	10	5%	1/10W
R329	1-216-109-00	METAL GLAZE	330K	5%	1/10W
R330	1-216-244-00	METAL GLAZE	82K	5%	1/8W
R331	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R332	1-216-270-00	METAL GLAZE	1M	5%	1/8W
R333	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R334	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R335	1-216-001-00	METAL GLAZE	10	5%	1/10W
R336	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R337	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R338	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R341	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R342	1-216-041-00	METAL GLAZE	470	5%	1/10W
R346	1-216-037-00	METAL GLAZE	330	5%	1/10W
R347	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R348	1-216-033-00	METAL GLAZE	220	5%	1/10W
R349	1-216-029-00	METAL GLAZE	150	5%	1/10W
R350	1-216-041-00	METAL GLAZE	470	5%	1/10W
R351	1-216-043-00	METAL GLAZE	560	5%	1/10W

REF.NO.	PART NO.	DESCRIPTION			REMARK
R352	1-216-039-00	METAL GLAZE	390	5%	1/10W
R353	1-249-438-11	CARBON	56K	5%	1/4W
R354	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R355	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R356	1-216-041-00	METAL GLAZE	470	5%	1/10W
R357	1-216-039-00	METAL GLAZE	390	5%	1/10W
R360	1-216-001-00	METAL GLAZE	10	5%	1/10W
R363	1-216-222-00	METAL GLAZE	10K	5%	1/8W
R364	1-216-222-00	METAL GLAZE	10K	5%	1/8W
R399	1-216-037-00	METAL GLAZE	330	5%	1/10W
R402	1-216-172-00	METAL GLAZE	82	5%	1/8W
R403	1-216-025-00	METAL GLAZE	100	5%	1/10W
R404	1-216-025-00	METAL GLAZE	100	5%	1/10W
R405	1-216-025-00	METAL GLAZE	100	5%	1/10W
R406	1-216-226-00	METAL GLAZE	15K	5%	1/8W
R407	1-216-226-00	METAL GLAZE	15K	5%	1/8W
R408	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R409	1-216-021-00	METAL GLAZE	68	5%	1/10W
R411	1-216-295-00	METAL GLAZE	0	5%	1/10W
R412	1-216-295-00	METAL GLAZE	0	5%	1/10W
R413	1-216-295-00	METAL GLAZE	0	5%	1/10W
R414	1-216-041-00	METAL GLAZE	470	5%	1/10W
R420	1-216-182-00	METAL GLAZE	220	5%	1/8W
R423	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R424	1-216-222-00	METAL GLAZE	10K	5%	1/8W
R425	1-216-033-00	METAL GLAZE	220	5%	1/10W
R426	1-216-045-00	METAL GLAZE	680	5%	1/10W
R427	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R428	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R430	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R432	1-249-403-11	CARBON	68	5%	1/4W
R433	1-216-083-00	METAL GLAZE	27K	5%	1/10W
R434	1-216-029-00	METAL GLAZE	150	5%	1/10W
R435	1-216-033-00	METAL GLAZE	220	5%	1/10W
R436	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R437	1-216-101-00	METAL GLAZE	150K	5%	1/10W
R501	1-216-214-00	METAL GLAZE	4.7K	5%	1/8W
R502	1-247-743-11	CARBON	220	5%	1/2W
R503	1-249-437-11	CARBON	47K	5%	1/4W
R504	1-216-017-00	METAL GLAZE	47	5%	1/10W
R505	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R507	1-216-350-11	METAL OXIDE	1.2	5%	1W F
R508	1-215-867-00	METAL OXIDE	470	5%	1W
R509	1-216-294-00	METAL GLAZE	10M	5%	1/8W
R510	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R511	1-216-244-00	METAL GLAZE	82K	5%	1/8W
R512	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R513	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R514	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R515	1-216-683-11	METAL CHIP	22K	0.5%	1/10W
R516	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R517	1-216-031-00	METAL GLAZE	180	5%	1/10W
R518	1-216-033-00	METAL GLAZE	220	5%	1/10W
R519	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R520	1-216-258-00	METAL GLAZE	330K	5%	1/8W
R521	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R522	1-215-863-11	METAL OXIDE	100	5%	1W
R523	1-247-754-11	CARBON	1.5K	5%	1/2W
R524	1-216-099-00	METAL GLAZE	120K	5%	1/10W
R525	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

A KV-M1400B

A KV-M1400U / M1401U / M1400E M1400L / M1400A

REF.NO.		PART NO.	DESCRIPTION				REMARK
R526		1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R527		1-215-869-11	METAL OXIDE	1K	5%	1W	
R528		1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R529		1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R530		1-216-097-00	METAL GLAZE	100K	5%	1/10W	
R532		1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R533		1-216-133-00	METAL GLAZE	3.3M	5%	1/10W	
R534		1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	
R535		1-216-107-00	METAL GLAZE	270K	5%	1/10W	
R538		1-216-025-00	METAL GLAZE	100	5%	1/10W	
R539		1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R542		1-216-025-00	METAL GLAZE	100	5%	1/10W	
R543		1-249-408-11	CARBON	180	5%	1/4W	
R545		1-216-278-00	METAL GLAZE	2.2M	5%	1/8W	
R548		1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R601	⚠	1-205-909-11	WIREWOUND	3.3	5%	10W	
R602		1-214-923-00	CARBON	270K	5%	1/2W	
R603		1-215-903-11	METAL OXIDE	68K	5%	2W	
R604		1-247-752-11	CARBON	1K	5%	1/2W	
R606		1-212-877-11	FUSIBLE	68	5%	1/4W	
R608		1-215-884-11	METAL OXIDE	47	5%	2W	
R609		1-207-905-00	WIREWOUND	0.27	10%	2W	
R611		1-214-915-00	CARBON	120K	5%	1/2W	
R612		1-219-137-11	FUSIBLE	0.33	5%	1/4W	
R613		1-217-811-11	FUSIBLE	0.47	5%	1/4W	
R614		1-216-037-00	METAL GLAZE	330	5%	1/10W	
R615		1-216-013-00	METAL GLAZE	33	5%	1/10W	
R617		1-216-354-11	METAL OXIDE	2.7	5%	1W	F
R620		1-216-465-11	METAL OXIDE	27K	5%	2W	
R621		1-216-465-11	METAL OXIDE	27K	5%	2W	
R628		1-218-265-21	METAL GLAZE	8.2M	5%	1W	
R801		1-217-778-11	FUSIBLE	1K	5%	1W	F
R802		1-217-826-11	FUSIBLE	10K	5%	1/4W	
R803		1-216-355-11	METAL OXIDE	3.3	5%	1W	F
R804		1-216-013-00	METAL GLAZE	33	5%	1/10W	
R805		1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R806		1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R807		1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	
R808		1-216-091-00	METAL GLAZE	56K	5%	1/10W	
R809		1-216-083-00	METAL GLAZE	27K	5%	1/10W	
R810		1-216-095-00	METAL GLAZE	82K	5%	1/10W	
R811		1-216-099-00	METAL GLAZE	120K	5%	1/10W	
R812		1-217-778-11	FUSIBLE	1K	5%	1W	F
R813		1-212-877-11	FUSIBLE	68	5%	1/4W	
R814		1-217-820-11	FUSIBLE	3.3K	5%	1/4W	
R816		1-247-889-00	CARBON	270K	5%	1/4W	
R817		1-216-071-00	METAL GLAZE	8.2K	5%	1/10W	
R818		1-202-830-00	SOLID	10K	10%	1/2W	
R819		1-217-811-11	FUSIBLE	0.47	5%	1/4W	
R820		1-217-811-11	FUSIBLE	0.47	5%	1/4W	
R821		1-216-059-00	METAL GLAZE	2.7K	5%	1/10W	
R822		1-216-204-00	METAL GLAZE	1.8K	5%	1/8W	
R826		1-216-025-00	METAL GLAZE	100	5%	1/10W	
R827		1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R850		1-215-882-00	METAL OXIDE	22	5%	2W	F
R851		1-247-895-00	CARBON	470K	5%	1/4W	
			<VARIABLE RESISTOR>				
RV001		1-241-627-11	RES, ADJ, CARBON 1K				
RV331		1-241-627-11	RES, ADJ, CARBON 1K				
RV501		1-241-630-11	RES, ADJ, CARBON 10K				
RV502		1-226-703-11	RES, ADJ, METAL GLAZE 10K				
RV503		1-238-019-11	RES, ADJ, CARBON 47K				
RV504		1-238-019-11	RES, ADJ, CARBON 47K				
RV505		1-238-009-11	RES, ADJ, CARBON 220				
RV801		1-238-019-11	RES, ADJ, CARBON 47K				
			<SWITCH>				
S001		1-571-532-21	SWITCH, TACTIL				
S002		1-571-532-21	SWITCH, TACTIL				
S003		1-571-532-21	SWITCH, TACTIL				
S601	⚠	1-571-433-12	SWITCH, PUSH (AC POWER)				
			<SPARK GAP>				
SG801		1-519-422-11	GAP, SPARK				
			<TRANSFORMER>				
T601	⚠	1-450-217-22	S.R.T				
T604	⚠	1-424-078-11	TRANSFORMER, TRIGGER PULSE				
T605	⚠	1-424-391-11	TRANSFORMER, LINE FILTER				
T801		1-437-090-00	HDT				
T802	⚠	1-439-432-11	TRANSFORMER ASSY, FLYBACK UX-1620				
			<THERMISTOR>				
THP601	⚠	1-806-165-12	THERMISTOR (POSITIVE)				
			<TUNER>				
TU101		1-465-541-14	TUNER (BT-3C)				
			<CRYSTAL>				
X001		1-577-619-11	VIBRATOR, CRYSTAL				
X332		1-567-131-00	OSCILLATOR, CRYSTAL				
**********							
		*A-1632-130-A	A BOARD, COMPLETE (M1400A)				
			**********				
		*A-1632-129-A	A BOARD, COMPLETE (M1400E)				
			**********				
		*A-1632-132-A	A BOARD, COMPLETE (M1400L)				
			**********				
		*A-1632-126-A	A BOARD, COMPLETE (M1400U)				
			**********				
		*A-1632-112-A	A BOARD, COMPLETE (M1401U)				
			**********				
		*1-533-230-11	HOLDER, FUSE				
		*4-200-399-11	SPACER, IC				
TP15		*1-535-084-00	1P TERMINAL PIN				
			<CAPACITOR>				
C001		1-126-101-11	ELECT	100MF	20%	16V	
C002		1-106-220-00	MYLAR	0.1MF	10%	100V	
C003		1-163-031-11	CERAMIC CHIP	0.01MF		50V	
C004		1-123-382-00	ELECT	3.3MF	20%	50V	
C005		1-126-103-11	ELECT	470MF	20%	16V	
C006		1-163-117-00	CERAMIC CHIP	100PF	5%	50V	
C007		1-124-907-11	ELECT	10MF	20%	50V	

A KV-M1400U / M1401U / M1400E
M1400L / M1400A

REF.NO.	PART NO.	DESCRIPTION			REMARK
C009	1-124-907-11	ELECT	10MF	20%	50V
C010	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C012	1-126-233-11	ELECT	22MF	20%	50V
C018	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C020	1-124-903-11	ELECT	1MF	20%	50V
C021	1-124-907-11	ELECT	10MF	20%	50V
C023	1-124-907-11	ELECT	10MF	20%	50V
C024	1-124-907-11	ELECT	10MF	20%	50V
C025	1-124-916-11	ELECT	22MF	20%	50V
C026	1-124-903-11	ELECT	1MF	20%	50V
C030	1-124-903-11	ELECT	1MF	20%	50V
C037	1-163-034-00	CERAMIC CHIP	0.033MF		50V
C038	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C039	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C041	1-124-478-11	ELECT	100MF	20%	25V
C055	1-163-075-00	CERAMIC CHIP	0.047MF		50V
C058	1-163-077-00	CERAMIC CHIP	0.1MF	10%	25V
C059	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C062	1-126-101-11	ELECT	100MF	20%	16V
C063	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C101	1-124-477-11	ELECT	47MF	20%	16V
C102	1-124-910-11	ELECT	47MF	20%	50V
C103	1-163-105-00	CERAMIC CHIP	33PF	5%	50V
C104	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C105	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C106	1-163-031-11	CERAMIC CHIP	0.01MF		50V
					(KV-M1400A ONLY)
C107	1-124-477-11	ELECT	47MF	20%	16V
C112	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
					(KV-M1400A/KV-M1400E ONLY)
	1-163-115-00	CERAMIC CHIP	82PF	5%	50V
					(KV-M1400U/KV-M1401U ONLY)
	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
					(KV-M1400L ONLY)
C114	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
					(KV-M1400A/KV-M1400E ONLY)
	1-163-115-00	CERAMIC CHIP	82PF	5%	50V
					(KV-M1400L/KV-M1400U/KV-M1401U ONLY)
C115	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C120	1-163-173-00	CERAMIC CHIP	47PF	5%	50V
C123	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
					(KV-M1400A/KV-M1400E ONLY)
	1-163-137-00	CERAMIC CHIP	680PF	5%	50V
					(KV-M1400L/KV-M1400U/KV-M1401U ONLY)
C125	1-124-917-11	ELECT	33MF	20%	50V
C128	1-163-025-11	CERAMIC CHIP	0.001MF		50V
C130	1-136-171-00	FILM	0.33MF	5%	50V
C131	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C132	1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C133	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C134	1-136-562-11	MYLAR	0.0082MF	10%	400V
C135	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C136	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C138	1-216-295-00	METAL GLAZE	0	5%	1/10W
C139	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C140	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C141	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C142	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C143	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C144	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C145	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
		(KV-M1400A/KV-M1400E/KV-M1400L ONLY)			

REF.NO.	PART NO.	DESCRIPTION			REMARK
C146	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
		(KV-M1400A/KV-M1400E/KV-M1400L ONLY)			
C147	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
		(KV-M1400A/KV-M1400E/KV-M1400L ONLY)			
C148	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C149	1-124-119-00	ELECT	330MF	20%	16V
C151	1-124-907-11	ELECT	10MF	20%	50V
C154	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C157	1-124-927-11	ELECT	4.7MF	20%	50V
C160	1-163-117-11	CERAMIC CHIP	100PF	5%	50V
		(KV-M1400L/KV-M1400U/KV-M1401U ONLY)			
C161	1-163-129-00	CERAMIC CHIP	330PF	5%	50V
		(KV-M1400L/KV-M1400U/KV-M1401U ONLY)			
C162	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
					(KV-M1400L ONLY)
C163	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C201	1-124-916-11	ELECT	22MF	20%	50V
C202	1-124-925-11	ELECT	2.2MF	20%	50V
C203	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C204	1-124-480-11	ELECT	470MF	20%	25V
C206	1-163-011-11	CERAMIC CHIP	0.0015MF	10%	50V
C207	1-124-925-11	ELECT	2.2MF	20%	50V
C208	1-126-104-11	ELECT	470MF	20%	35V
C209	1-124-910-11	ELECT	47MF	20%	50V
C210	1-106-228-00	MYLAR	0.22MF	10%	100V
C302	1-163-059-00	CERAMIC CHIP	0.01MF		50V
C303	1-163-059-00	CERAMIC CHIP	0.01MF		50V
C304	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C305	1-124-910-11	ELECT	47MF	20%	50V
C306	1-106-220-00	MYLAR	0.1MF	10%	100V
C307	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C308	1-124-910-11	ELECT	47MF	20%	50V
C309	1-163-099-00	CERAMIC CHIP	18PF	5%	50V
C314	1-163-103-00	CERAMIC CHIP	27PF	5%	50V
C316	1-163-377-11	CERAMIC CHIP	100PF	5%	50V
C317	1-163-093-00	CERAMIC CHIP	10PF	5%	50V
C318	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C319	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C321	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C323	1-163-055-00	CERAMIC CHIP	0.0047MF	10%	50V
C329	1-131-367-00	TANTALUM	22MF	10%	16V
C330	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C331	1-124-927-11	ELECT	4.7MF	20%	50V
C332	1-130-783-00	MYLAR	0.33MF	10%	100V
C333	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C334	1-163-063-00	CERAMIC CHIP	0.022MF	10%	50V
C335	1-163-063-00	CERAMIC CHIP	0.022MF	10%	50V
C337	1-130-834-00	MYLAR	1MF	10%	63V
C340	1-162-568-11	CERAMIC CHIP	0.33MF	10%	16V
C341	1-130-783-00	MYLAR	0.33MF	10%	100V
C343	1-130-785-11	MYLAR	0.47MF	10%	100V
C344	1-106-383-00	MYLAR	0.047MF	10%	100V
C346	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C347	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C348	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C349	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C352	1-106-375-12	MYLAR	0.022MF	10%	250V
C353	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C354	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C355	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C357	1-163-031-11	CERAMIC CHIP	0.01MF		50V

A KV-M1400U / M1401U / M1400E M1400L / M1400A

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

REF.NO.		PART NO.	DESCRIPTION			REMARK
C358		1-124-556-11	ELECT	2200MF	20%	16V
C360		1-124-903-11	ELECT	1MF	20%	50V
C362		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
						(KV-M1400U/KV-M140IU ONLY)
C367		1-163-031-11	CERAMIC CHIP	0.01MF		50V
C370		1-124-916-11	ELECT	22MF	20%	50V
C401		1-124-910-11	ELECT	47MF	20%	50V
C403		1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C404		1-163-031-11	CERAMIC CHIP	0.01MF		50V
C430		1-164-336-11	CERAMIC CHIP	0.33MF		25V
C431		1-124-910-11	ELECT	47MF	20%	50V
C432		1-163-031-11	CERAMIC CHIP	0.01MF		50V
C433		1-124-916-11	ELECT	22MF	20%	25V
C434		1-163-031-11	CERAMIC CHIP	0.01MF		50V
C475		1-124-916-11	ELECT	22MF	20%	50V
C476		1-108-702-11	MYLAR	0.068MF	10%	100V
C490		1-124-910-11	ELECT	47MF	20%	50V
C499		1-163-205-00	CERAMIC CHIP	0.001MF	10%	50V
C501		1-163-181-00	CERAMIC CHIP	100PF	5%	50V
C502		1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C503		1-163-181-00	CERAMIC CHIP	100PF	5%	50V
C504		1-124-122-11	ELECT	100MF	20%	50V
C505		1-124-916-11	ELECT	22MF	20%	50V
C506		1-106-228-00	MYLAR	0.22MF	10%	100V
C507		1-124-557-11	ELECT	1000MF	20%	25V
C508		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C509		1-162-568-11	CERAMIC CHIP	0.33MF	10%	16V
C510		1-163-081-00	CERAMIC CHIP	0.22MF		25V
C511		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C512		1-108-702-11	MYLAR	0.068MF	10%	100V
C513		1-124-927-11	ELECT	4.7MF	20%	50V
C514		1-136-298-00	FILM	0.0033MF	5%	100V
C515		1-163-035-00	CERAMIC CHIP	0.047MF		50V
C516		1-163-113-00	CERAMIC CHIP	68PF	5%	50V
C517		1-163-033-00	CERAMIC CHIP	0.022MF		50V
C518		1-163-115-00	CERAMIC CHIP	82PF	5%	50V
						(KV-M1400L ONLY)
C520		1-163-033-00	CERAMIC CHIP	0.022MF		50V
C521		1-131-377-00	TANTALUM	10MF	10%	10V
C524		1-106-228-00	MYLAR	0.22MF	10%	100V
C525		1-108-702-11	MYLAR	0.068MF	10%	100V
C526		1-124-910-11	ELECT	47MF	20%	50V
C527		1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
						(KV-M1400A ONLY)
		1-163-017-00	CERAMIC CHIP	010047MF	10%	50V
						(KV-M1400E/KV-M1400L/KV-M1400U/KV-M1401U ONLY)
C529		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C530		1-163-197-00	CERAMIC CHIP	470PF	5%	50V
C531		1-163-113-00	CERAMIC CHIP	68PF	5%	50V
						(KV-M1400A/KV-M1400E ONLY)
C532		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C536		1-124-927-11	ELECT	4.7MF	20%	50V
C537		1-163-038-00	CERAMIC CHIP	0.1MF		25V
C540		1-163-111-00	CERAMIC CHIP	56PF	5%	50V
C601	⚠	1-161-964-61	CERAMIC	0.0047MF		250V
C602	⚠	1-161-964-61	CERAMIC	0.0047MF		250V
C603		1-162-599-12	CERAMIC	0.0047MF		250V
C604		1-125-318-00	ELECT(BLOCK)	220MF	20%	400V
C605		1-161-754-00	CERAMIC	0.001MF	10%	2KV
						(KV-M1400A/KV-M1400E ONLY)
C606		1-104-728-11	FILM	0.047MF	10%	630V
C607		1-106-367-00	MYLAR	0.01MF	10%	400V
C608		1-161-753-00	CERAMIC	470PF	10%	3KV
C609		1-124-347-00	ELECT	100MF	20%	160V
C610		1-124-557-11	ELECT	1000MF	20%	25V
C612		1-102-228-00	CERAMIC	470PF	10%	500V
C614		1-126-101-11	ELECT	100MF	20%	16V
C618		1-124-916-11	ELECT	22MF	20%	50V
C621	⚠	1-136-517-11	FILM	0.22MF	20%	300V
C623	⚠	1-164-246-61	CERAMIC	0.0022MF	20%	400V
C624		1-161-754-00	CERAMIC	0.001MF	10%	2KV
						(KV-M1400A/KV-M1400E/KV-M1400U/KV-M1401U ONLY)
C625	⚠	1-136-517-11	FILM	0.22MF	20%	300V
						(KV-M1400A/KV-M1400E ONLY)
C626	⚠	1-163-161-00	CERAMIC	15PF	5%%	50V
						(KV-M1400E ONLY)
C627	⚠	1-163-161-00	CERAMIC	15PF	5%%	50V
						(KV-M1400E ONLY)
C633		1-161-742-00	CERAMIC	0.0022MF	20%	400V
C801		1-136-559-11	MYLAR	0.0047MF	10%	400V
C802		1-102-212-00	CERAMIC	820PF	10%	500V
C803		1-102-244-00	CERAMIC	220PF	10%	500V
C804		1-126-101-11	ELECT	100MF	20%	16V
C805		1-136-076-00	FILM	0.0085MF	3%	2KV
C806		1-106-389-00	MYLAR	0.082MF	10%	200V
C807		1-162-116-00	CERAMIC	680PF	10%	2KV
C808		1-136-932-11	FILM	0.82MF	5%	100V
C809		1-106-367-00	MYLAR	0.01MF	10%	400V
C811		1-136-540-11	FILM	0.82MF	5%	160V
C812		1-124-634-11	ELECT	1MF	20%	250V
C813		1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C814		1-123-932-00	ELECT	4.7MF	20%	160V
C815		1-124-916-11	ELECT	22MF	20%	50V
C816		1-102-228-00	CERAMIC	470PF	10%	500V
C817		1-123-948-00	ELECT	22MF	20%	250V
C818		1-106-375-12	MYLAR	0.022MF	10%	250V
C819		1-162-114-00	CERAMIC	0.0047MF		2KV
C820		1-162-318-11	CERAMIC	0.001MF	10%	500V
C821		1-126-101-11	ELECT	100MF	20%	16V
C822		1-162-318-11	CERAMIC	0.001MF	10%	500V
C823		1-126-233-11	ELECT	22MF	20%	50V
C824		1-124-913-11	ELECT	470MF	20%	50V
C825		1-106-367-00	MYLAR	0.01MF	10%	400V
C826		1-104-724-91	FILM	0.1MF	10%	250V
C840		1-124-902-00	ELECT	0.47MF	20%	50V

<FILTER>

CD101	1-579-110-11	DISCRIMINATOR, CERAMIC (KV-M1400A/KV-M1400E ONLY)
	1-579-109-11	DISCRIMINATOR, CERAMIC (KV-M1400L/KV-M1400U/KV-M1401U ONLY)
CF501	1-404-801-11	TRAP, CERAMIC (KV-M1400A/KV-M1400E ONLY)
	1-409-429-11	TRAP, CERAMIC (KV-M1400L/KV-M1400U/KV-M1401U ONLY)
SWF101	1-579-120-11	FILTER, SURFACE WAVE (KV-M1400A/KV-M1400E ONLY)
	1-404-718-11	FILTER, SURFACE WAVE (KV-M1400L/KV-M1400U/KV-M1401U ONLY)
XF501	1-527-840-00	FILTER, CERAMIC (KV-M1400A/KV-M1400E ONLY)
	1-567-569-11	FILTER, CERAMIC (KV-M1400L/KV-M1400U/KV-M1401U ONLY)

A KV-M1400U / M1401U / M1400E
M1400L / M1400A

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

REF.NO.	PART NO.	DESCRIPTION	REMARK
		<CONNECTOR>	
CNA21	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
CNA22	*1-568-878-51	PIN, CONNECTOR 3P	
CNA61	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P	
CNA62	*1-580-844-11	PIN, CONNECTOR (POWER)	
CNA64	*1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P	
CNA81	*1-508-768-00	PIN, CONNECTOR (5MM PITCH) 6P	
CNA82	*1-580-798-11	CONNECTOR PIN (DY) 6P	
CNA83	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P	
		<TRIMMER>	
CT332	1-141-418-11	CAP, ADJ	
		<DIODE>	
D002	8-719-920-55	DIODE SPR-54MVW	
	*4-200-407-01	HOLDER, LED D002	
D004	8-719-104-34	DIODE 1S2836	
D007	8-719-400-18	DIODE MA152WK	
D008	8-719-105-82	DIODE RD5.1MB2	
D009	8-719-105-82	DIODE RD5.1MB2	
D011	8-719-911-19	DIODE 1SS119	
D020	8-719-911-19	DIODE 1SS119	
D101	8-719-110-03	DIODE HZS7.5NB3	(KV-M1400A/KV-M1400E/KV-M1400L ONLY)
D102	8-719-110-03	DIODE HZS7.5NB3	(KV-M1400A/KV-M1400E/KV-M1400L ONLY)
D103	8-719-110-03	DIODE HZS7.5NB3	(KV-M1400A/KV-M1400E/KV-M1400L ONLY)
D104	8-719-400-18	DIODE MA152WK	(KV-M1400A ONLY)
D110	8-719-010-38	DIODE UZ-5.1BSB	
D301	8-719-104-34	DIODE 1S2836	
D302	8-719-800-76	DIODE 1SS226	
D303	8-719-104-34	DIODE 1S2836	
D305	8-719-800-76	DIODE 1SS226	
D306	8-719-400-18	DIODE MA152WK	
D313	8-719-800-76	DIODE 1SS226	
D321	8-719-109-89	DIODE RD5.6ESB2	
D324	8-719-104-34	DIODE 1S2836	
D334	8-719-104-34	DIODE 1S2836	
D402	8-719-109-97	DIODE RD6.8ESB2	
D403	8-719-109-97	DIODE RD6.8ESB2	
D404	8-719-109-97	DIODE RD6.8ESB2	
D405	8-719-929-12	DIODE HZS8.2NB3	
D406	8-719-929-12	DIODE HZS8.2NB3	
D411	8-719-109-97	DIODE RD6.8ESB2	
D417	8-719-104-34	DIODE 1S2836	
D418	8-719-104-34	DIODE 1S2836	
D426	8-719-911-19	DIODE 1SS119	
D427	8-719-911-19	DIODE 1SS119	
D450	8-719-109-97	DIODE RD6.8ESB2	
D501	8-719-950-57	DIODE BYD33G	
D503	8-719-911-19	DIODE 1SS119	
D504	8-719-400-18	DIODE MA152WK	
D519	8-719-400-18	DIODE MA152WK	
D601	8-719-311-72	DIODE RBV 406H 01	
D602	8-719-976-64	DIODE RGP02-17	
D603	8-719-908-03	DIODE GP08DM	
D604	8-719-979-85	DIODE EGP20G	
D605	8-719-950-57	DIODE BYD33G	
D606	8-719-980-78	DIODE ERA83-006	
D607	8-719-950-57	DIODE BYD33G	
D608	8-719-950-57	DIODE BYD33G	
D609	8-719-908-03	DIODE GP08D	
D610	8-719-908-03	DIODE GP08D	
D611	8-719-303-49	DIODE R2M	
D801	8-719-945-80	DIODE ERC06-15S	
D802	8-719-979-85	DIODE EGP20G	
D803	8-719-950-57	DIODE BYD33	
D805	8-719-950-57	DIODE BYD33	
D806	8-719-976-64	DIODE RGP02-17	
D807	8-719-950-57	DIODE BYD33G	
D808	8-719-950-57	DIODE BYD33G	
D810	8-719-908-03	DIODE GP08D	
D811	8-719-908-03	DIODE GP08D	
D820	8-719-911-19	DIODE 1SS119	
		<DELAY LINE>	
DL301	1-236-062-11	MODULE, Y DELAY LINE	
		<FUSE>	
F601 ⚠	1-576-231-21	FUSE (H.B.C.) 4A 250V	
	*4-201-057-01	COVER, FUSE	
		<IC>	
IC001	8-759-062-07	IC PCA84C840P/016	
IC002	8-759-043-86	IC ST24C02AB1	
IC003	8-741-139-80	IC BX-1398	
IC004	8-759-805-37	IC L78LR05D-MA	
IC005	8-759-157-40	DIODE UPC574J	
IC102	8-759-044-41	IC TDA3827/V3	
IC201	8-759-502-74	IC TDA7245	
IC301	8-759-505-39	IC TDA4660/V2	
IC302	8-759-512-04	IC TDA3505-V1	
IC331	8-759-513-46	IC TDA4510/V8	
IC501	8-759-113-05	IC UPC1488H	
	*4-389-343-11	SPRING, IC501	
IC502	8-759-515-72	IC TDA8304	
IC601	8-749-901-65	IC STR54041	
	*4-368-683-11	SPRING, TRANSISTOR IC601	
IC801	8-759-945-58	IC RC4558P	
IC802	8-759-604-39	IC M5F78M12L	
	*4-389-343-11	SPRING, IC802	
		<JACK>	
J401	1-561-534-00	SOCKET, PIN 21P	
		<COIL>	
L001	1-408-409-00	INDUCTOR 10UH	
L102	1-408-409-00	INDUCTOR 10UH	
L103	1-408-399-00	INDUCTOR 1.5UH	
L105	1-410-872-21	INDUCTOR 10UH	(KV-M1400A ONLY)
	1-535-303-00	LEAD, JUMPER (10.0MM)	(KV-M1400L/KV-M1400U/KV-M1401U ONLY)
L106	1-408-415-00	INDUCTOR 33UH	
L107	1-408-410-00	INDUCTOR 12UH	(KV-M1400A/KV-M1400E ONLY)
	1-408-409-00	INDUCTOR 10UH	(KV-M1400L/KV-M1400U/KV-M1401U ONLY)
L110	1-408-409-00	INDUCTOR 10UH	(KV-M1400E/KV-M1400L/KV-M1400U/KV-M1401U ONLY)

A KV-M1400U / M1401U / M1400E M1400L / M1400A

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION	REMARK
L301	1-408-409-00	INDUCTOR 10UH	
L302	1-408-419-00	INDUCTOR 68UH	
L303	1-408-425-00	INDUCTOR 220UH	
L406	1-408-417-00	INDUCTOR 47UH	
L407	1-410-872-21	INDUCTOR 10UH	
L501	1-404-493-00	COIL	
L502	1-408-407-00	INDUCTOR 6.8UH	
L506	1-408-411-00	INDUCTOR 15UH	
L801	1-407-365-00	COIL,CHOKE	
L802	1-420-872-00	COIL, AIR CORE	
L804	1-459-856-11	COIL, FERRITE	
L805	1-408-236-00	INDUCTOR 2.7MMH	
L806	1-459-756-12	COIL, HORIZONTAL LINEARITY	
L807	1-410-067-21	INDUCTOR 4.7MMH	
L808	1-408-226-00	INDUCTOR 82UH	
L809	1-407-504-00	INDUCTOR 10UH	
		<IC LINK>	
PS801	⚠ 1-532-679-91	LINK, IC (ICP-N15) 0.6A	
		<TRANSISTOR>	
Q001	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q003	8-729-901-01	TRANSISTOR DTC144EK	
Q004	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q005	8-729-923-54	TRANSISTOR DTA143TK	
Q006	8-729-922-66	TRANSISTOR 2SC2410S	
Q007	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q015	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q016	8-729-901-47	TRANSISTOR DTA143EK	
Q017	8-729-216-22	TRANSISTOR 2SA1162-G	
Q019	8-729-901-06	TRANSISTOR DTA144EK	
Q020	8-729-901-00	TRANSISTOR DTC124EK	
Q101	8-729-901-47	TRANSISTOR DTA143EK (KV-M1400A/KV-M1400E/KV-M1400L ONLY)	
Q102	8-729-901-47	TRANSISTOR DTA143EK (KV-M1400A/KV-M1400E/KV-M1400L ONLY)	
Q103	8-729-901-47	TRANSISTOR DTA143EK (KV-M1400A/KV-M1400E/KV-M1400L ONLY)	
Q104	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q106	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q107	8-729-216-22	TRANSISTOR 2SA1162-YG	
Q112	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q114	8-729-901-00	TRANSISTOR DTC124EK	
Q115	8-729-901-00	TRANSISTOR DTC124EK	
Q123	8-729-901-47	TRANSISTOR DTA143EK (KV-M1400L/KV-M1400U/KV-M1401U ONLY)	
Q141	8-729-014-99	TRANSISTOR BF959-AMMO	
Q302	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q304	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q305	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q307	8-729-216-22	TRANSISTOR 2SA1162-G	
Q310	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q311	8-729-216-22	TRANSISTOR 2SA1162-G	
Q401	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q457	8-729-216-22	TRANSISTOR 2SA1162-G	
Q504	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q505	8-729-216-22	TRANSISTOR 2SA1162-G	
Q601	8-729-906-74	TRANSISTOR BC637-16	
Q801	8-729-119-80	TRANSISTOR 2SC2688-LK	
Q802	8-729-925-64	TRANSISTOR BU508AS2	
Q803	8-729-904-27	TRANSISTOR 2SD1761-E	
		<RESISTOR>	
JR45	1-216-295-00	METAL GLAZE 0 5% 1/10W (KV-M1400A/KV-M1400E ONLY)	
JR50	1-216-295-00	METAL GLAZE 0 5% 1/10W (KV-M1400A/KV-M1400E ONLY)	
JR53	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR003	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR004	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR005	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR006	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR007	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR008	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR009	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR010	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR011	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR012	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR015	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR016	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR017	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR018	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR019	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR020	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR021	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR022	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR023	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR026	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR028	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR029	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR030	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR033	1-216-295-00	METAL GLAZE 0 5% 1/10W (KV-M1400U/KV-M1401U ONLY)	
JR034	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR036	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR037	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR038	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR039	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR040	1-216-295-00	METAL GLAZE 0 5% 1/10W (KV-M1400E/KV-M1400L/KV-M1400U/KV-M1401U ONLY)	
JR041	1-216-295-00	METAL GLAZE 0 5% 1/10W (KV-M1400E/KV-M1400L/KV-M1400U/KV-M1401U ONLY)	
JR042	1-216-295-00	METAL GLAZE 0 5% 1/10W (KV-M1400E/KV-M1400L/KV-M1400U/KV-M1401U ONLY)	
JR044	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR051	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR052	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR060	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR099	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR101	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR102	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR103	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR104	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR105	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR106	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR108	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR109	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR110	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR111	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR116	1-216-296-00	METAL GLAZE 0 5% 1/8W (KV-M1400A/KV-M1400E/KV-M1400L ONLY)	

A KV-M1400U / M1401U / M1400E
M1400L / M1400A

REF.NO.	PART NO.	DESCRIPTION				REMARK
JR117	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR118	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR123	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR125	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR126	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR127	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR128	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR129	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR130	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR131	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR133	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR134	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR135	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR137	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR139	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR140	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR141	1-216-296-00	METAL GLAZE	0	5%	1/8W	
		(KV-M1400A/KV-M1400E/KV-M1400L ONLY)				
JR144	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR146	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR147	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR148	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR149	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR150	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR151	1-216-296-00	METAL GLAZE	0	5%	1/8W	
		(KV-M1400A/KV-M1400E ONLY)				
JR152	1-216-296-00	METAL GLAZE	0	5%	1/8W	
		(KV-M1400A/KV-M1400E ONLY)				
JR153	1-216-296-00	METAL GLAZE	0	5%	1/8W	
		(KV-M1400A/KV-M1400E ONLY)				
JR155	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR181	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR182	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR183	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR184	1-216-296-00	METAL GLAZE	0	5%	1/8W	
R001	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	
R002	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R003	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R004	1-216-083-00	METAL GLAZE	27K	5%	1/10W	
R005	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W	
		(KV-M1400A/KV-M1400E/KV-M1400L ONLY)				
R006	1-216-254-00	METAL GLAZE	220K	5%	1/8W	
R007	1-216-190-00	METAL GLAZE	470	5%	1/8W	
R008	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R009	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R010	1-216-198-00	METAL GLAZE	1K	5%	1/8W	
R011	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R012	1-216-248-00	METAL GLAZE	120K	5%	1/8W	
R013	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R014	1-216-689-11	METAL GLAZE	39K	5%	1/10W	
R015	1-216-230-00	METAL GLAZE	22K	5%	1/8W	
R016	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R017	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R018	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R019	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R020	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R021	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R022	1-216-198-00	METAL GLAZE	1K	5%	1/8W	
R023	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	
R024	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R025	1-216-097-00	METAL GLAZE	100K	5%	1/10W	

REF.NO.	PART NO.	DESCRIPTION				REMARK
R026	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R028	1-216-085-00	METAL GLAZE	33K	5%	1/10W	
R029	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R030	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R031	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R032	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
		(KV-M1400A/KV-M1400E/KV-M1400L ONLY)				
R033	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
		(KV-M1400A/KV-M1400E/KV-M1400L ONLY)				
R034	1-216-238-00	METAL GLAZE	47K	5%	1/8W	
R035	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R038	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R040	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R041	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R042	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R043	1-215-900-11	METAL OXIDE	22K	5%	2W	
R044	1-216-105-00	METAL GLAZE	220K	5%	1/10W	
R045	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R046	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R047	1-216-079-00	METAL GLAZE	18K	5%	1/10W	
R048	1-216-202-00	METAL GLAZE	1.5K	5%	1/8W	
R049	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R050	1-216-250-00	METAL GLAZE	150K	5%	1/8W	
R051	1-216-295-00	METAL GLAZE	0	5%	1/10W	
R052	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R053	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R054	1-249-395-11	CARBON	15	5%	1/4W	
R055	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R056	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R058	1-249-434-11	CARBON	27K	5%	1/4W	
R059	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R060	1-216-234-00	METAL GLAZE	33K	5%	1/8W	
R061	1-216-079-00	METAL GLAZE	18K	5%	1/10W	
R062	1-216-242-00	METAL GLAZE	68K	5%	1/8W	
R064	1-216-091-00	METAL GLAZE	56K	5%	1/10W	
R072	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R075	1-216-248-00	METAL GLAZE	120K	5%	1/8W	
R076	1-216-198-00	METAL GLAZE	1K	5%	1/8W	
R077	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R078	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R079	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R081	1-216-198-00	METAL GLAZE	1K	5%	1/8W	
R082	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R083	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R084	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R087	1-216-027-00	METAL GLAZE	120	5%	1/10W	
R094	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R095	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R096	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R097	1-216-085-00	METAL GLAZE	33K	5%	1/10W	
R099	1-216-228-00	METAL GLAZE	18K	5%	1/8W	
R100	1-216-017-00	METAL GLAZE	47	5%	1/10W	
R101	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	
R102	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R103	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R104	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R105	1-216-109-00	METAL GLAZE	330K	5%	1/10W	
R106	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R107	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
						(KV-M1400A ONLY)

A KV-M1400U / M1401U / M1400E M1400L / M1400A

REF.NO.	PART NO.	DESCRIPTION				REMARK
R108	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
						(KV-M1400A ONLY)
R109	1-216-190-00	METAL GLAZE	470	5%	1/8W	
R110	1-249-437-11	CARBON	47K	5%	1/4W	
						(KV-M1400E/KV-M1400L/KV-M1400U/KV-M1401U ONLY)
R111	1-216-085-00	METAL GLAZE	33K	5%	1/10W	
R112	1-249-411-11	CARBON	330	5%	1/4W	
R113	1-216-085-00	METAL GLAZE	33K	5%	1/10W	
R114	1-216-238-00	METAL GLAZE	47K	5%	1/8W	
R115	1-216-045-00	METAL GLAZE	680	5%	1/10W	
R116	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R118	1-216-035-00	METAL GLAZE	270	5%	1/10W	
						(KV-M1400A/KV-M1400E ONLY)
	1-216-037-00	METAL GLAZE	330	5%	1/10W	
						(KV-M1400U/KV-M1401U/KV-M1400L ONLY)
R119	1-216-045-00	METAL GLAZE	680	5%	1/10W	
R120	1-216-043-00	METAL GLAZE	560	5%	1/10W	
						(KV-M1400U/KV-M1401U/KV-M1400L ONLY)
R122	1-216-043-00	METAL GLAZE	560	5%	1/10W	
						(KV-M1400U/KV-M1401U/KV-M1400L ONLY)
R130	1-249-409-11	CARBON	220	5%	1/4W	
R131	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R132	1-216-295-00	METAL GLAZE	0	5%	1/10W	
						(KV-M1400U/KV-M1401U/KV-M1400L ONLY)
	1-216-035-00	METAL GLAZE	270	5%	1/10W	
						(KV-M1400A/KV-M1400E ONLY)
R133	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
						(KV-M1400L ONLY)
R136	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R138	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R139	1-216-295-00	METAL GLAZE	0	5%	1/10W	
R140	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R141	1-216-021-00	METAL GLAZE	68	5%	1/10W	
R142	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W	
R143	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R144	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R147	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R148	1-216-017-00	METAL GLAZE	47	5%	1/10W	
R149	1-216-182-00	METAL GLAZE	220	5%	1/8W	
R151	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R152	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R153	1-215-867-00	METAL OXIDE	470	5%	1W	
R199	1-216-295-00	METAL GLAZE	0	5%	1/10W	
R201	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R202	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R203	1-216-298-00	METAL GLAZE	2.2	5%	1/10W	
R204	1-247-741-11	CARBON	150	5%	1/2W	
R205	1-216-083-00	METAL GLAZE	27K	5%	1/10W	
R206	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R207	1-216-298-00	METAL GLAZE	2.2	5%	1/10W	
R303	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R304	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R305	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R306	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W	
R307	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R309	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W	
R310	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R311	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	
R312	1-216-174-00	METAL GLAZE	100	5%	1/8W	
R313	1-216-174-00	METAL GLAZE	100	5%	1/8W	
R314	1-216-025-00	METAL GLAZE	100	5%	1/10W	

REF.NO.	PART NO.	DESCRIPTION				REMARK
R315	1-216-047-00	METAL GLAZE	820	5%	1/10W	
R317	1-216-202-00	METAL GLAZE	1.5K	5%	1/8W	
R320	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R321	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R322	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R323	1-216-192-00	METAL GLAZE	560	5%	1/8W	
R324	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R325	1-249-410-11	CARBON	270	5%	1/4W	
R326	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R327	1-216-121-00	METAL GLAZE	1M	5%	1/10W	
R328	1-216-001-00	METAL GLAZE	10	5%	1/10W	
R329	1-216-109-00	METAL GLAZE	330K	5%	1/10W	
R330	1-216-244-00	METAL GLAZE	82K	5%	1/8W	
R331	1-216-113-00	METAL GLAZE	470K	5%	1/10W	
R332	1-216-270-00	METAL GLAZE	1M	5%	1/8W	
R333	1-216-091-00	METAL GLAZE	56K	5%	1/10W	
R334	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W	
R335	1-216-001-00	METAL GLAZE	10	5%	1/10W	
R336	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W	
R337	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R338	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R344	1-247-848-11	CARBON	5.1K	5%	1/4W	
R345	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R347	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R348	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R349	1-216-029-00	METAL GLAZE	150	5%	1/10W	
R350	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R351	1-216-043-00	METAL GLAZE	560	5%	1/10W	
						(KV-M1400A/KV-M1400L/KV-M1400U/KV-M1401U ONLY)
	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
						(KV-M1400E ONLY)
R352	1-216-039-00	METAL GLAZE	390	5%	1/10W	
R353	1-249-438-11	CARBON	56K	5%	1/4W	
R354	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R355	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R356	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R357	1-216-039-00	METAL GLAZE	390	5%	1/10W	
R358	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R359	1-216-238-00	METAL GLAZE	47K	5%	1/8W	
R363	1-216-222-00	METAL GLAZE	10K	5%	1/8W	
R364	1-216-222-00	METAL GLAZE	10K	5%	1/8W	
R402	1-216-172-00	METAL GLAZE	82	5%	1/8W	
R403	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R404	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R405	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R406	1-216-226-00	METAL GLAZE	15K	5%	1/8W	
R407	1-216-226-00	METAL GLAZE	15K	5%	1/8W	
R408	1-216-091-00	METAL GLAZE	56K	5%	1/10W	
R409	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R411	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R412	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R413	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R414	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R420	1-216-182-00	METAL GLAZE	220	5%	1/8W	
R423	1-216-095-00	METAL GLAZE	82K	5%	1/10W	
R424	1-216-222-00	METAL GLAZE	10K	5%	1/8W	
R425	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R426	1-216-045-00	METAL GLAZE	680	5%	1/10W	
R427	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R428	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R430	1-216-077-00	METAL GLAZE	15K	5%	1/10W	

A KV-M1400U / M1401U / M1400E
M1400L / M1400A

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

REF.NO.		PART NO.	DESCRIPTION				REMARK
R432		1-249-403-11	CARBON	68	5%	1/4W	
R433		1-216-079-00	METAL GLAZE	18K	5%	1/10W	
R434		1-216-029-00	METAL GLAZE	150	5%	1/10W	
R435		1-216-033-00	METAL GLAZE	220	5%	1/10W	
R436		1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R437		1-216-085-00	METAL GLAZE	33K	5%	1/10W	
R501		1-216-214-00	METAL GLAZE	4.7K	5%	1/8W	
R502		1-247-743-11	CARBON	220	5%	1/2W	
R503		1-249-437-11	CARBON	47K	5%	1/4W	
R504		1-216-017-00	METAL GLAZE	47	5%	1/10W	
R505		1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R507		1-216-350-11	METAL OXIDE	1.2	5%	1W	F
R508		1-215-867-00	METAL OXIDE	470	5%	1W	
R510		1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R511		1-216-244-00	METAL GLAZE	82K	5%	1/8W	
R512		1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R513		1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R514		1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	
R515		1-216-683-11	METAL CHIP	22K	0.50%	1/10W	
R516		1-216-095-00	METAL GLAZE	82K	5%	1/10W	
R517		1-216-035-00	METAL GLAZE	270	5%	1/10W	
			(KV-M1400A/KV-M1400U/KV-M1401U ONLY)				
		1-216-031-00	METAL GLAZE	180	5%	1/10W	
			(KV-M1400E/KV-M1400L ONLY)				
R518		1-216-033-00	METAL GLAZE	220	5%	1/10W	
R519		1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R520		1-216-258-00	METAL GLAZE	330K	5%	1/8W	
R521		1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R522		1-215-863-11	METAL OXIDE	100	5%	1W	
R523		1-247-754-11	CARBON	1.5K	5%	1/2W	
R524		1-216-099-00	METAL GLAZE	120K	5%	1/10W	
R525		1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R527		1-215-869-11	METAL OXIDE	1K	5%	1W	
R532		1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R533		1-216-133-00	METAL GLAZE	3.3M	5%	1/10W	
R534		1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	
R535		1-216-107-00	METAL GLAZE	270K	5%	1/10W	
R539		1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R542		1-216-025-00	METAL GLAZE	100	5%	1/10W	
R543		1-249-408-11	CARBON	180	5%	1/4W	
R545		1-216-278-00	METAL GLAZE	2.2M	5%	1/8W	
R548		1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R601	⚠	1-205-909-11	WIREWOUND	3.3	5%	10W	
R602		1-214-923-00	CARBON	270K	5%	1/2W	
R603		1-215-903-11	METAL OXIDE	68K	5%	2W	
R604		1-247-752-11	CARBON	1K	5%	1/2W	
R606		1-212-877-11	FUSIBLE	68	5%	1/4W	
R608		1-215-884-11	METAL OXIDE	47	5%	2W	
R609		1-207-905-00	WIREWOUND	0.27	10%	2W	
R611		1-214-915-00	CARBON	120K	5%	1/2W	
R612		1-219-137-11	FUSIBLE	0.33	5%	1/4W	
R613		1-217-811-11	FUSIBLE	0.47	5%	1/4W	
R614		1-216-037-00	METAL GLAZE	330	5%	1/10W	
R615		1-216-013-00	METAL GLAZE	33	5%	1/10W	
R617		1-216-354-11	METAL OXIDE	2.7	5%	1W	F
R620		1-216-465-11	METAL OXIDE	27K	5%	2W	
R621		1-216-465-11	METAL OXIDE	27K	5%	2W	
R626	⚠	1-216-238-00	METAL GLAZE	47K	5%	1/8W	
						(KV-M1400A ONLY)	
R627	⚠	1-216-238-00	METAL GLAZE	47K	5%	1/8W	
						(KV-M1400A ONLY)	

REF.NO.		PART NO.	DESCRIPTION				REMARK
R628		1-218-265-11	METAL GLAZE	8.2M	5%	1W	
R801		1-217-778-11	FUSIBLE	1K	5%	1W	F
R802		1-217-826-11	FUSIBLE	10K	5%	1/4W	
R803		1-216-355-11	METAL OXIDE	3.3	5%	1W	F
R804		1-216-013-00	METAL GLAZE	33	5%	1/10W	
R805		1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R806		1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R807		1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	
R808		1-216-091-00	METAL GLAZE	56K	5%	1/10W	
R809		1-216-083-00	METAL GLAZE	27K	5%	1/10W	
R810		1-216-095-00	METAL GLAZE	82K	5%	1/10W	
R811		1-216-099-00	METAL GLAZE	120K	5%	1/10W	
R812		1-217-778-11	FUSIBLE	1K	5%	1W	F
R813		1-212-877-11	FUSIBLE	68	5%	1/4W	
R814		1-217-820-11	FUSIBLE	3.3K	5%	1/4W	
R816		1-247-889-00	CARBON	270K	5%	1/4W	
R817		1-216-071-00	METAL GLAZE	8.2K	5%	1/10W	
R818		1-202-830-00	SOLID	10K	10%	1/2W	
R819		1-217-811-11	FUSIBLE	0.47	5%	1/4W	
R820		1-217-811-11	FUSIBLE	0.47	5%	1/4W	
R821		1-216-059-00	METAL GLAZE	2.7K	5%	1/10W	
R822		1-216-204-00	METAL GLAZE	1.8K	5%	1/8W	
R824		1-215-863-11	METAL OXIDE	100	5%	1W	
R826		1-216-025-00	METAL GLAZE	100	5%	1/10W	
R827		1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R850		1-215-882-00	METAL OXIDE	22	5%	2W	F
R851		1-247-895-00	CARBON	470K	5%	1/4W	
			<VARIABLE RESISTOR>				
RV001		1-241-627-11	RES, ADJ, CARBON 1K				
RV501		1-241-630-11	RES, ADJ, CARBON 10K				
RV502		1-226-703-11	RES, ADJ, METAL GLAZE 10K				
RV503		1-238-019-11	RES, ADJ, CARBON 47K				
RV504		1-238-019-11	RES, ADJ, CARBON 47K				
RV505		1-238-009-11	RES, ADJ, CARBON 220				
RV801		1-238-019-11	RES, ADJ, CARBON 47K				
			<SWITCH>				
S001		1-571-532-21	SWITCH, TACTIL				
S002		1-571-532-21	SWITCH, TACTIL				
S003		1-571-532-21	SWITCH, TACTIL				
S601	⚠	1-571-433-12	SWITCH, PUSH (AC POWER)				
			<SPARK GAP>				
SG801		1-519-422-11	GAP, SPARK				
			<TRANSFORMER>				
T601	⚠	1-450-217-12	S.R.T				
T603	⚠	1-421-776-11	LFT				
T604	⚠	1-424-078-11	TRANSFORMER, TRIGGER PULSE				
T605	⚠	1-424-391-11	TRANSFORMER, LINE FILTER				
			(KV-M1400A/KV-M1400E ONLY)				
	⚠	1-421-862-11	TRANSFORMER, LINE FILTER				
			(KV-M1400L/KV-M1400U/KV-M1401U ONLY)				
T801		1-437-090-00	HDT				
T802	⚠	1-439-423-11	TRANSFORMER ASSY, FLYBACK (UX-1620)				

A KV-M1400U / M1401U / M1400E M1400L / M1400A C

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by shading and marked ⚠ are critical for safety. Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION	REMARK
		<THERMISTOR>	
THP601	⚠ 1-806-165-12	THERMISTOR (POSITIVE)	
		<TUNER>	
TU101	1-465-541-14	TUNER (BT-3C) (KV-M1400A/KV-M1400E ONLY)	
	1-693-093-11	TUNER (BT-3C421) (KV-M1400L ONLY)	
	1-465-542-13	TUNER (BT-3U601) (KV-M1400U/KV-M1401U ONLY)	
		<CRYSTAL>	
X001	1-577-619-11	VIBRATOR, CRYSTAL	
X332	1-567-131-00	OSCILLATOR, CRYSTAL	
**********			
	*A-1638-035-A	C BOARD, COMPLETE (M1400A M1400E M1400B) **********	
	*A-1638-022-A	C BOARD, COMPLETE (M1400U M1401U M1400D) ********** (M1401D M1400K M1401K) (M1400L)	
	*4-374-912-01	COVER (MAIN), CV VOL	
	*4-374-913-01	COVER (REAR LID), CV VOL	
C700	1-137-146-11	FILM 0.15MF 10% 250V	
C701	1-163-127-00	CERAMIC CHIP 270PF 5% 50V	
C702	1-163-127-00	CERAMIC CHIP 270PF 5% 50V	
C703	1-163-129-00	CERAMIC CHIP 330PF 5% 50V	
C704	1-163-005-11	CERAMIC CHIP 470PF 10% 50V	
C705	1-163-005-11	CERAMIC CHIP 470PF 10% 50V	
C706	1-163-005-11	CERAMIC CHIP 470PF 10% 50V	
C707	1-123-947-00	ELECT 10MF 20% 250V	
C708	1-162-116-00	CERAMIC 680PF 10% 2KV	
C709	1-136-666-11	FILM 0.01MF 5% 1KV	
C710	1-124-477-11	ELECT 47MF 20% 16V	
C711	1-163-009-11	CERAMIC CHIP 0.001MF 10% 50V	
C712	1-163-009-11	CERAMIC CHIP 0.001MF 10% 50V	
C713	1-163-009-11	CERAMIC CHIP 0.001MF 10% 50V	
C714	1-162-318-11	CERAMIC 0.001MF 10% 500V	
		<CONNECTOR>	
CNC71	*1-508-786-00	PIN, CONNECTOR (5MM PITCH) 2P	
CNC72	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
CNC73	*1-568-881-51	PIN, CONNECTOR 6P	
CNC74	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P	
		<DIODE>	
D701	8-719-400-18	DIODE MA152WK	
D702	8-719-400-18	DIODE MA152WK	
D703	8-719-400-18	DIODE MA152WK	
D704	8-719-400-18	DIODE MA152WK	
D705	8-719-400-18	DIODE MA152WK	
D706	8-719-911-19	DIODE 1SS119	
D707	8-719-400-18	DIODE MA152WK	
D708	8-719-400-18	DIODE MA152WK	
D709	8-719-400-18	DIODE MA152WK	
D710	8-719-800-76	DIODE 1SS226	
D711	8-719-800-76	DIODE 1SS226	
D712	8-719-800-76	DIODE 1SS226	

REF.NO.	PART NO.	DESCRIPTION	REMARK
		<SOCKET>	
J901	⚠ 1-526-819-11	SOCKET, CRT	
		<TRANSISTOR>	
Q701	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q702	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q703	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q704	8-729-906-70	TRANSISTOR BF871	
Q705	8-729-906-70	TRANSISTOR BF871	
Q706	8-729-906-70	TRANSISTOR BF871	
Q707	8-729-200-17	TRANSISTOR 2SA1091-0	
Q708	8-729-200-17	TRANSISTOR 2SA1091-0	
Q709	8-729-200-17	TRANSISTOR 2SA1091-0	
		<RESISTOR>	
JW121	1-216-296-00	METAL GLAZE 0 5% 1/8W	
R701	1-216-061-00	METAL GLAZE 3.3K 5% 1/10W	
R702	1-216-210-00	METAL GLAZE 3.3K 5% 1/8W	
R703	1-216-045-00	METAL GLAZE 680 5% 1/10W	
R704	1-216-045-00	METAL GLAZE 680 5% 1/10W	
R705	1-216-017-00	METAL GLAZE 47 5% 1/10W	
R706	1-216-017-00	METAL GLAZE 47 5% 1/10W	
R707	1-216-017-00	METAL GLAZE 47 5% 1/10W	
R708	1-216-198-00	METAL GLAZE 1K 5% 1/8W	
R709	1-216-196-00	METAL GLAZE 820 5% 1/8W	
R710	1-249-413-11	CARBON 470 5% 1/4W	
R711	1-216-061-00	METAL GLAZE 3.3K 5% 1/10W	
R712	1-247-893-11	CARBON 390K 5% 1/4W	
R713	1-247-883-00	CARBON 150K 5% 1/4W	
R714	1-216-198-00	METAL GLAZE 1K 5% 1/8W	
R715	1-216-198-00	METAL GLAZE 1K 5% 1/8W	
R716	1-216-049-00	METAL GLAZE 1K 5% 1/10W	
R717	1-202-824-00	SOLID 3.3K 10% 1/2W	
R718	1-202-824-00	SOLID 3.3K 10% 1/2W	
R719	1-202-824-00	SOLID 3.3K 10% 1/2W	
R720	1-216-463-00	METAL OXIDE 12K 5% 2W	
R721	1-216-463-00	METAL OXIDE 12K 5% 2W	
R722	1-216-463-00	METAL OXIDE 12K 5% 2W	
R723	1-249-398-11	CARBON 27 5% 1/4W F	
R726	1-202-719-00	SOLID 1M 10% 1/2W	
R727	1-202-838-00	SOLID 100K 10% 1/2W	
R728	1-202-842-11	SOLID 220K 10% 1/2W	
R729	1-216-349-00	METAL OXIDE 1 5% 1W F	
R731	1-202-719-00	SOLID 1M 10% 1/2W	
R732	1-216-262-00	METAL GLAZE 470K 5% 1/8W	
R734	1-216-057-00	METAL GLAZE 2.2K 5% 1/10W	
R735	1-216-057-00	METAL GLAZE 2.2K 5% 1/10W	
R736	1-249-421-11	CARBON 2.2K 5% 1/4W	
		<VARIABLE RESISTOR>	
RV701	1-228-721-00	RES, ADJ, CERAMIC CARBON 2.2K	
RV702	1-228-721-00	RES, ADJ, CERAMIC CARBON 2.2K	
RV703	1-230-641-11	RES, ADJ, METAL GLAZE 2.2M	
RV704	1-230-641-11	RES, ADJ, METAL GLAZE 2.2M	
RV705	1-230-798-11	RES, ADJ, METAL GLAZE 90M	
**********			

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

J1 | V KV-M1401K / M1401U / M1401

REF.NO.	PART NO.	DESCRIPTION	REMARK
	*1-647-154-11	PC BOARD, J1 **********	
		<CAPACITOR>	
C2200	1-163-031-11	CERAMIC CHIP 0.01MF	50V
		<CONNECTOR>	
CN2001	*1-568-878-51	PIN, CONNECTOR 3P	
		<SOCKET>	
J2201	1-562-837-11	JACK	
		<COIL>	
L2201	1-408-409-00	INDUCTOR 10UH	
**********			
	*A-1645-020-A	V BOARD, COMPLETE (M1401K) **********	
	*A-1645-017-A	V BOARD, COMPLETE (M1401U M1401D) **********	
		<CAPACITOR>	
C1	1-126-101-11	ELECT 100MF 20%	16V
C2	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C3	1-124-120-11	ELECT 220MF 20%	16V
C4	1-163-077-00	CERAMIC CHIP 0.1MF	50V
C5	1-124-120-11	ELECT 220MF 20%	16V
C6	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C7	1-163-235-11	CERAMIC CHIP 22PF 5%	50V
C8	1-163-235-11	CERAMIC CHIP 22PF 5%	50V
C9	1-163-235-11	CERAMIC CHIP 22PF 5%	50V
C10	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C11	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C12	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C13	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C14	1-124-927-11	ELECT 4.7MF 20%	50V
C16	1-163-117-00	CERAMIC CHIP 100PF 5%	50V
C17	1-163-117-00	CERAMIC CHIP 100PF 5%	50V
C23	1-124-927-11	ELECT 4.7MF 20%	50V
C26	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C27	1-163-117-00	CERAMIC CHIP 100PF 5%	50V
C28	1-163-117-00	CERAMIC CHIP 100PF 5%	50V
C29	1-163-117-00	CERAMIC CHIP 100PF 5%	50V
C32	1-163-038-00	CERAMIC CHIP 0.1MF	25V
C33	1-163-038-00	CERAMIC CHIP 0.1MF	25V
		<CONNECTOR>	
CNV1	*1-565-393-11	CONNECTOR, BOARD TO BOARD	
CNV2	*1-565-393-11	CONNECTOR, BOARD TO BOARD	
		<DIODE>	
D1	8-719-105-91	DIODE RD5.6M-B2	
D3	8-719-914-44	DIODE DAP202K-T-147	
D5	8-719-914-44	DIODE DAP202K-T-147	
D6	8-719-400-18	DIODE MA152WK	
D9	8-719-106-17	DIODE RD6.8M-B2	
		<IC>	
IC2	8-759-515-59	IC SAA5246P/H	(M1401K ONLY)
	8-759-045-54	IC SAA5246P/E/M4A	(M1401D M1401U)
IC3	8-759-510-49	IC FCB61C65L-70P	
		<COIL>	
L1	1-408-403-00	INDUCTOR 3.3UH	
L2	1-408-407-00	INDUCTOR 6.8UH	
L3	1-408-407-00	INDUCTOR 6.8UH	
L4	1-408-407-00	INDUCTOR 6.8UH	
		<IC LINK>	
PS1 ⚠	1-532-679-91	LINK, IC (ICP-N15) 0.6A	
		<TRANSISTOR>	
Q1	8-729-900-53	TRANSISTOR DTC114EK	
Q2	8-729-920-92	TRANSISTOR 2SD2096-EF	
Q3	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
Q4	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
Q5	8-729-807-87	TRANSISTOR 2SB1295-UL6	
Q6	8-729-807-87	TRANSISTOR 2SB1295-UL6	
Q7	8-729-807-87	TRANSISTOR 2SB1295-UL6	
Q9	8-729-901-04	TRANSISTOR DTA114EK	
Q10	8-729-901-01	TRANSISTOR DTC144EK	
Q11	8-729-901-01	TRANSISTOR DTC144EK	
		<RESISTOR>	
JR01	1-216-295-00	METAL GLAZE 0 5%	1/10W
JR02	1-216-295-00	METAL GLAZE 0 5%	1/10W
JR03	1-216-295-00	METAL GLAZE 0 5%	1/10W
JR08	1-216-295-00	METAL GLAZE 0 5%	1/10W
JR09	1-216-295-00	METAL GLAZE 0 5%	1/10W
JR11	1-216-295-00	METAL GLAZE 0 5%	1/10W (M1401D M1401U)
JR14	1-216-296-00	METAL GLAZE 0 5%	1/8W
JR15	1-216-296-00	METAL GLAZE 0 5%	1/8W
JR17	1-216-295-00	METAL GLAZE 0 5%	1/10W
JR18	1-216-296-00	METAL GLAZE 0 5%	1/8W
JR19	1-216-296-00	METAL GLAZE 0 5%	1/8W
JR20	1-216-296-00	METAL GLAZE 0 5%	1/8W
JR21	1-216-296-00	METAL GLAZE 0 5%	1/8W
JR23	1-216-295-00	METAL GLAZE 0 5%	1/10W
JR24	1-216-296-00	METAL GLAZE 0 5%	1/8W
JR25	1-216-296-00	METAL GLAZE 0 5%	1/8W
JR26	1-216-296-00	METAL GLAZE 0 5%	1/8W
JR202	1-216-295-00	METAL GLAZE 0 5%	1/10W
JR203	1-216-295-00	METAL GLAZE 0 5%	1/10W
JR221	1-216-295-00	METAL GLAZE 0 5%	1/10W
JR222	1-216-295-00	METAL GLAZE 0 5%	1/10W
R1	1-218-326-11	METAL GLAZE 470 5%	1/2W
R2	1-216-214-00	METAL GLAZE 4.7K 5%	1/8W
R3	1-216-049-00	METAL GLAZE 1K 5%	1/10W
R4	1-216-025-00	METAL GLAZE 100 5%	1/10W
R5	1-216-047-00	METAL GLAZE 820 5%	1/10W
R6	1-216-001-00	METAL GLAZE 10 5%	1/10W
R7	1-216-083-00	METAL GLAZE 27K 5%	1/10W
R8	1-216-071-00	METAL GLAZE 8.2K 5%	1/10W
R9	1-216-308-00	METAL GLAZE 4.7 5%	1/10W
R10	1-218-325-11	METAL GLAZE 120 5%	1/4W
R11	1-218-325-11	METAL GLAZE 120 5%	1/4W
R12	1-218-325-11	METAL GLAZE 120 5%	1/4W
R13	1-216-025-00	METAL GLAZE 100 5%	1/10W

V KV-M1401K / M1401U / M1401D

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION			REMARK
R14	1-216-001-00	METAL GLAZE	10	5%	1/10W
R15	1-216-013-00	METAL GLAZE	33	5%	1/10W
R16	1-216-013-00	METAL GLAZE	33	5%	1/10W
R17	1-216-013-00	METAL GLAZE	33	5%	1/10W
R18	1-216-025-00	METAL GLAZE	100	5%	1/10W
R19	1-216-025-00	METAL GLAZE	100	5%	1/10W
R21	1-216-013-00	METAL GLAZE	33	5%	1/10W
R22	1-216-168-00	METAL GLAZE	56	5%	1/8W
R23	1-216-214-00	METAL GLAZE	4.7K	5%	1/8W
R40	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R42	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R49	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R50	1-216-296-00	METAL GLAZE	0	5%	1/8W
		<VARIABLE RESISTOR>			
RV1	1-241-627-11	RES, ADJ, CARBON 1K			
		<CRYSTAL>			
X1	1-579-266-31	CRYSTAL VIBRATOR			

****

ACCESSORIES AND PACKING MATERIALS
****

1-417-154-11	MATCHING TRANSFORMER, ANTENNA	
1-501-372-21	ANTENNA, TELESCOPIC	(M1400D M1401D M1400A M1400B) (M1400E M1400K M1401K M1400L)
1-501-385-11	ANTENNA, LOOP	(M1400U M1401U)
4-202-228-41	MANUAL, INSTRUCTION	(M1400A)
4-202-228-51	MANUAL, INSTRUCTION	(M1400B)
4-202-228-11	MANUAL, INSTRUCTION	(M1400D M1401D)
4-202-228-71	MANUAL, INSTRUCTION	(M1400E)
4-202-228-81	MANUAL, INSTRUCTION	(M1400K M1401K)
4-202-228-61	MANUAL, INSTRUCTION	(M1400L M1400U M1401U)
4-202-294-01	CUSHION (UPPER) (ASSY)	(M1400A M1400B M1400E)
4-202-294-11	CUSHION (UPPER) (ASSY)	(M1400D M1401D M1400K) (M1401K M1400U M1401U) (M1400L)
4-202-293-01	CUSHION (LOWER) (ASSY)	(M1400A M1400B M1400E)
4-202-293-11	CUSHION (LOWER) (ASSY)	(M1400D M1401D M1400K) (M1401K M1400U M1401U) (M1400L)
4-202-295-01	INDIVIDUAL CARTON	(M1400A M1400B M1400E)
4-202-309-01	INDIVIDUAL CARTON	(M1400D M1401D M1400K) (M1401K M1400U M1401U) (M1400L)
4-380-340-01	BAG, PROTECTION	(M1400A M1400B M1400E)
4-384-927-01	BAG, PROTECTION	(M1400D M1401D M1400K) (M1401K M1400U M1401U) (M1400L)

****

REMOTE COMMANDER
****

1-467-130-11	CONTROL UNIT, REMOTE	(RM-841)
9-904-886-01	COVER, BATTERY	(FOR RM-841)

****

REF.NO.	PART NO.	DESCRIPTION	REMARK
		MISCELLANEOUS	
		**********	
⚠	1-426-145-00	COIL, DEGAUSSING	
⚠	1-451-249-31	DEFLECTION YOKE (Y14NDA2)	
	1-452-032-00	MAGNET, DISK; 10MM	
	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM	
	1-452-277-00	MAGNET, BMC	
	1-544-374-11	SPEAKER	
⚠	1-690-296-11	CORD, POWER [WITH NOISE FILTER]	(M1400A)
⚠	1-590-501-11	CORD, POWER [WITH NOISE FILTER]	(M1400D) (M1401D)
⚠	1-590-460-11	CORD, POWER [WITH CONNECTOR]	(M1400K) (M1401K) (M1400E)
⚠	1-690-270-11	CORD, POWER [WITH CONNECTOR]	(M1400B)
⚠	1-590-762-11	CORD, POWER [WITH PLUG]	(M1400U) (M1401U) (M1400L)
⚠	8-735-555-05	PICTURE TUBE (A34JBU10X)	

****

6705

SONY SERVICE MANUAL

BE-2A CHASSIS

MODEL	COMMANDER	DEST.	CHASSIS NO.	MODEL	COMMANDER	DEST.	CHASSIS NO.
KV-M1400K	RM-841	OIRT	SCC-E50G-A	KV-M1401D	RM-841	AEP	SCC-D85M-A
KV-M1401K	RM-841	OIRT	SCC-E50F-A	KV-M1400E	RM-841	Spanish	SCC-D87N-A
KV-M1400A	RM-841	Italian	SCC-D78J-A	KV-M1400U	RM-841	UK	SCC-D86Q-A
KV-M1400B	RM-841	French	SCC-E24G-A	KV-M1401U	RM-841	UK	SCC-D86P-A
KV-M1400D	RM-841	AEP	SCC-D85N-A	KV-M1400L	RM-841	Irish	SCC-D88H-A

CORRECTION-1

SUBJECT : PART CHANGE

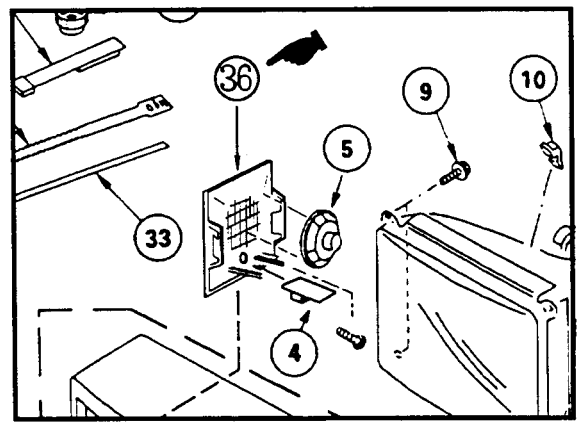
Correct the service manual as shown below.

File this collection with the service manual.

☛ : Corrected portion

SECTION 6 EXPLODED VIEWS

6-1. CHASSIS (See page 42)



REF. NO.	PART. NO.	DESCRIPTION
36	4-202-330-01	SPEAKER BRACKET (for BLACK) KV-M1400K, KV-M1401K, KV-M1400D, KV-M1401D
36	4-202-330-11	KV-M1400U, KV-M1401U, KV-M1400L
		SPEAKER BRACKET (for WHITE) KV-M1400D, KV-M1400U, KV-M1401U

MICROFILM

9-974-817-91

Sony Corporation
TV Group

English
94AE02685-1
Printed in Japan

© 1994. 1